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DANVERS  
YELLOW  
GLOBE  
ONION

FEB 18 1921  
U.S. DEPARTMENT OF AGRICULTURE


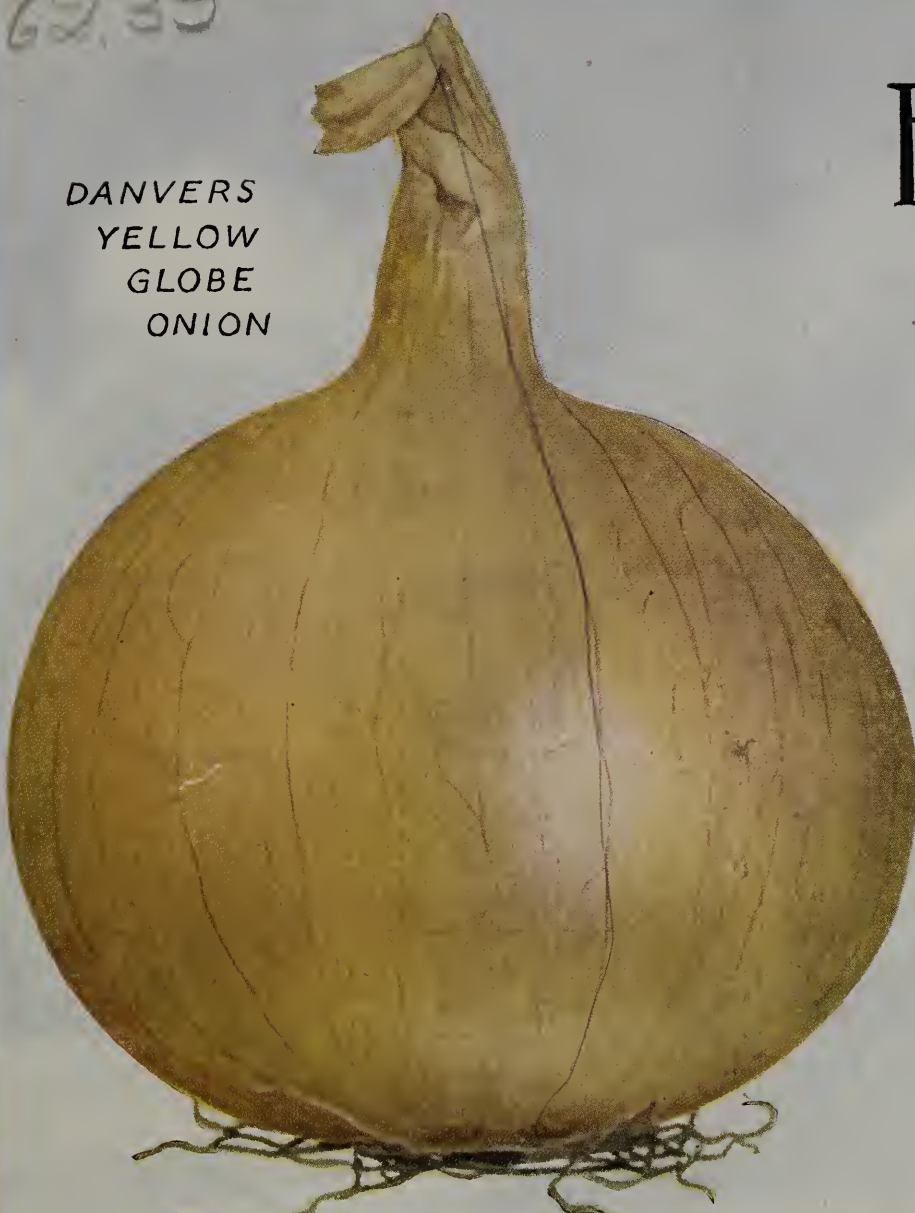
# FOTTLER FISKE RAWSON CO.

*The Seed Store*

12 & 13 FANEUIL HALL SQ.

BOSTON  
MASS.

1921



DANVERS YELLOW GLOBE ONION IN BLOOM  
BEING GROWN IN NEW ENGLAND FOR SEED



# General Instructions for Customers

(PLEASE READ CAREFULLY)

We deliver free (only as mentioned below) by Express or Parcel Post (our option) to any Freight Station, Express Office or Post Office in U. S.

**VEGETABLE SEEDS and FLOWER SEEDS** quoted in this catalogue by the packet, ounce and quarter-pound

**PURCHASER PAYS TRANSPORTATION** on Trees, Plants, Shrubs, Potatoes, Farm Seeds, Grass Seeds, Implements, Sundries and Poultry Supplies; Bulbs except where specified.

**EARLY ORDERING.** It will be helpful to our customers, as well as ourselves, to have orders placed early. Our policy is to make prompt shipments, but this is impossible as the busy season reaches its height. If your order is received late we may be sold out, as in case of shortage of crops, with no more stock obtainable. Send your order early, we will do the rest.

**DELIVERIES.** Our Seeds, Bulbs and Plants are all well packed to withstand general transportation, and every precaution taken for their safe delivery to the purchaser. In case of accident by broken packages, bulbs being lost or jammed and bruised, plants broken, or seeds lost, either sign for them "damaged," or refuse to accept such, and have transportation company return them to us, notifying us instantly, otherwise no claims can be allowed.

We guarantee safe delivery to the Railroad and Express Companies. Our responsibility ceases when we take Railroad or Express signature.

**CUSTOMERS CAN SEND ORDERS BY EXPRESS,** as all express companies have purchasing departments in all their offices. They make no charge other than the regular rates for transportation of the goods.

Customers wishing to open accounts, must furnish satisfactory references, Boston preferred. If such references do not accompany the order; the goods will be forwarded **C. O. D.** to avoid delay.

**REMITTANCES** should be made in the form of Express Money Order, P. O. Money Order, Bank Draft, or Registered Letter. Plants will not be shipped **C. O. D.**

**WE MAKE NO CHARGE FOR PACKING CASES,** baskets or barrels. We charge for cloth bags only and these at cost.  $\frac{1}{4}$  bus. 20c.,  $\frac{1}{2}$  bus. 25c., 1 bus. 35c., 2 bus. 60c.

**ORDERS** received by **Fottler, Fiske, Rawson Co.** will be filled to the best of our ability, and subject to harvest of crops, and forwarded as soon as possible. Owing to the large number of varieties which are only obtainable in European countries, we can fill our orders only as we receive such stocks from abroad. Should we not receive any such articles, we reserve the right to cancel such orders.

**PRICES.** The prices quoted in this catalogue are net, and not subject to discount. **All prices quoted in this catalogue are subject to change without notice.**

**ADDRESS.** It is quite necessary to have name and address as complete as possible and written plainly, to avoid delay and goods missent.

**ORDERS.** When ordering from catalogue, it is desirable that plant orders be separated from seed orders, as these departments are separate. All, if possible, will be made in one shipment.

**PARCEL POST.** Customers living on R. F. D. routes, and beyond express delivery, will aid us by stating:

**"Goods reach us by Parcel Post only,"**

to avoid mistakes in sending by express.

**CONDITIONS OF SALE.** We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, plants or bulbs we sell; and we will not be in any way responsible for the crop. All orders taken by our agents or salesmen, including any special terms or conditions pertaining to same, are subject to the approval of our home office. If the purchaser does not accept the goods on these terms, they are to be returned at once.

**FOTTLER, FISKE, RAWSON CO.**

## Parcel Post Rate Table

Weight Lbs.	ZONES							
	Local	1st-2d	3d	4th	5th	6th	7th	8th
1.....	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2.....	.06	.06	.08	.11	.14	.17	.21	.24
3.....	.06	.07	.10	.15	.20	.25	.31	.36
4.....	.07	.08	.12	.19	.26	.33	.41	.48
5.....	.07	.09	.14	.23	.32	.41	.51	.60
6.....	.08	.10	.16	.27	.38	.49	.61	.72
7.....	.03	.11	.18	.31	.44	.57	.71	.84
8.....	.09	.12	.20	.35	.50	.65	.81	.96
9.....	.09	.13	.22	.39	.56	.73	.91	1.08
10.....	.10	.14	.24	.43	.62	.81	1.01	1.20
11.....	.10	.15	.26	.47	.68	.89	1.11	1.32
12.....	.11	.16	.28	.51	.74	.97	1.21	1.44
13.....	.11	.17	.30	.55	.80	1.05	1.31	1.56
14.....	.12	.18	.32	.59	.86	1.13	1.41	1.68
15.....	.12	.19	.34	.63	.92	1.21	1.51	1.80
16.....	.13	.20	.36	.67	.98	1.29	1.61	1.92
17.....	.13	.21	.38	.71	1.04	1.37	1.71	2.04
18.....	.14	.22	.40	.75	1.10	1.45	1.81	2.16
19.....	.14	.23	.42	.79	1.16	1.53	1.91	2.28
20.....	.15	.24	.44	.83	1.22	1.61	2.01	2.40
21.....	.15	.25	.46	.87	1.28	1.69	2.11	2.52
22.....	.16	.26	.48	.91	1.34	1.77	2.21	2.64
23.....	.16	.27	.50	.95	1.40	1.85	2.31	2.76
24.....	.17	.28	.52	.99	1.46	1.93	2.41	2.88
25.....	.17	.29	.54	1.03	1.52	2.01	2.51	3.00
26.....	.18	.30	.56	1.07	1.58	2.09	2.61	3.12
27.....	.18	.31	.58	1.11	1.64	2.17	2.71	3.24
28.....	.19	.32	.60	1.15	1.70	2.25	2.81	3.36
29.....	.19	.33	.62	1.19	1.76	2.23	2.91	3.48
30.....	.20	.34	.64	1.23	1.82	2.41	3.01	3.60
31.....	.20	.35	.66	1.27	1.88	2.49	3.11	3.72
32.....	.21	.36	.68	1.31	1.94	2.57	3.21	3.84
33.....	.21	.37	.70	1.35	2.00	2.65	3.31	3.96
34.....	.22	.38	.72	1.39	2.06	2.73	3.41	4.08
35.....	.22	.39	.74	1.43	2.12	2.81	3.51	4.20
36.....	.23	.40	.76	1.47	2.18	2.89	3.61	4.32
37.....	.23	.41	.78	1.51	2.24	2.97	3.71	4.44
38.....	.24	.42	.80	1.55	2.30	3.05	3.81	4.56
39.....	.24	.43	.82	1.59	2.36	3.13	3.91	4.68
40.....	.25	.44	.84	1.63	2.42	3.21	4.01	4.80
41.....	.25	.45	.86	1.67	2.48	3.29	4.11	4.92
42.....	.26	.46	.88	1.71	2.54	3.37	4.21	5.04
43.....	.26	.47	.90	1.75	2.60	3.45	4.31	5.16
44.....	.27	.48	.92	1.79	2.66	3.53	4.41	5.28
45.....	.27	.49	.94	1.83	2.72	3.61	4.51	5.40
46.....	.28	.50	.96	1.87	2.78	3.69	4.61	5.52
47.....	.28	.51	.98	1.91	2.84	3.77	4.71	5.64
48.....	.29	.52	1.00	1.95	2.90	3.85	4.81	5.76
49.....	.29	.53	1.02	1.99	2.96	3.93	4.91	5.88
50.....	.30	.54	1.04	2.03	3.02	4.01	5.01	6.00
51.....	.30	.55	1.06					
52.....	.31	.56	1.08					
53.....	.31	.57	1.10					
54.....	.32	.58	1.12					
55.....	.32	.59	1.14					
56.....	.33	.60	1.16					
57.....	.33	.61	1.18					
58.....	.34	.62	1.20					
59.....	.34	.63	1.22					
60.....	.35	.64	1.24					
61.....	.35	.65	1.26					
62.....	.36	.66	1.28					
63.....	.36	.67	1.30					
64.....	.37	.68	1.32					
65.....	.37	.69	1.34					
66.....	.38	.70	1.36					
67.....	.38	.71	1.38					
68.....	.39	.72	1.40					
69.....	.39	.73	1.42					
70.....	.40	.74	1.44					

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49.....	.29	.53	1.02	1.99	2.96	3.93	4.91	5.88
50.....	.30	.54	1.04	2.03	3.02	4.01	5.01	6.00
51.....	.30	.55	1.06					
52.....	.31	.56	1.08					
53.....	.31	.57	1.10					
54.....	.32	.58	1.12					
55.....	.32	.59	1.14					
56.....	.33	.60	1.16					
57.....	.33	.61	1.18					
58.....	.34	.62	1.20					
59.....	.34	.63	1.22					
60.....	.35	.64	1.24					
61.....	.35	.65	1.26					
62.....	.36	.66	1.28					
63.....	.36	.67	1.30					
64.....	.37	.68	1.32					
65.....	.37	.69	1.34					
66.....	.38	.70	1.36					
67.....	.38	.71	1.38					
68.....	.39	.72	1.40					
69.....	.39	.73	1.42					
70.....	.40	.74	1.44					

Kindly  
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Postage  
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include such items  
as we do not  
deliver free



# FOTTLER, FISKE, RAWSON CO., 12 and 13 Faneuil Hall Square, Boston:

Date, \_\_\_\_\_ 19 \_\_\_\_ Forward by \_\_\_\_\_ { State if wanted by mail; (Express and Company); Freight (and Route); Steamer (and Line.) }

Your Name \_\_\_\_\_

Post Office \_\_\_\_\_, County \_\_\_\_\_, State \_\_\_\_\_

Express or Freight Station \_\_\_\_\_, Amount Enclosed, \$ \_\_\_\_\_

{ If goods are wanted by express, C.O.D., 25 per cent. of the amount must accompany the order. } Your Gardener's Name \_\_\_\_\_ If the goods are to be addressed to him.

REGISTER NO. \_\_\_\_\_

DATE \_\_\_\_\_

FILLED BY \_\_\_\_\_

CHECKED BY \_\_\_\_\_

HOW SENT \_\_\_\_\_

DATE SHIPPED \_\_\_\_\_

PACKAGES \_\_\_\_\_

MAIL

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Charge

STOCK NO.

QUANTITY

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PRICE

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FOR DELIVERY PRICES SEE CATALOGUE

**FOTTLER, FISKE, RAWSON CO.,** 12 and 13 Faneuil Hall Square, Boston.

[illegible]

We would appreciate the names of a few of your friends who are interested in gardening. We wish to have our catalogue in their homes.



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# FRANKLIN PARK LAWN SEED

TRADE MARK REGISTERED

## THE BEST SEED MAKES BEST LAWNS



### *An Ideal Lawn Seed Mixture. CLEANEST—BEST—CHEAPEST.*

The formula for this mixture was originally patterned after that used by the Park Commissioners of the City of Boston so successfully for years in laying out many of the lawns and terraces which to-day we so greatly admire throughout our splendid park system. To this we have added from our own experience until we now have a mixture which we confidently believe to be superior to many, and second to none. The very large demand for this lawn seed has necessitated our having the name FRANKLIN PARK registered as a trade mark in order to protect ourselves from imitators.

Our Franklin Park Lawn Seed is blended from recleaned seeds of different varieties that will make a good lawn quickly. It is a mixture adapted to a wide variety of soils and is certain to give pleasing results. It will start at once and in a short time show a beautiful deep green and retain it during the season with slight attention. The foliage is fine and we confidently recommend it wherever a thick velvety sod is desired. Weight, 32 lbs. per bushel.

Other mixtures, weighing from 14 to 20 lbs. per bushel cost more in proportion for they must necessarily contain more chaff, and more seed will be required to cover a given area. The best is cheapest and we advise using Franklin Park Lawn Seed as the best investment.

#### QUANTITY REQUIRED FOR NEW LAWNS

1 lb. (1 Qt.) for 500 sq. ft.; 4 lbs. ( $\frac{1}{2}$  pk.) 2400 sq. ft.; 8 lbs. (1 pk.) 5000 sq. ft.; 32 lbs. (1 bu.) 20,000 sq. ft.; 64 lbs. (2 bu.) one acre.

Prices:  $\frac{1}{2}$  lb. 30 cts.; 1 lb. 50 cts.; 2 lbs. 95 cts.; 4 lbs. \$1.75; 8 lbs. \$3.00; 32 lbs. \$10.00.



# SHADY SPOT LAWN SEED

For sowing on the north side of buildings, between houses, and for securing a lawn under large shade trees.

In many lawns there are places where it seems as though nothing can be grown; some are shaded by large trees and others by buildings. For these locations we recommend our **Shady Spot Lawn Seed**.

It is always advisable for those who are seeding down the shady places to supply new soil, if possible, especially if large trees are producing the shade, as their roots spread so fast as to exhaust the nourishment in the soil. When unable to supply new soil, the ground should be well dug over, and if tree roots predominate, these should be taken out. In most shady places the soil has a tendency to be sour, and we strongly recommend the use of land lime (about 50 lbs. per 1000 sq. ft.)

This special mixture for shady locations is selected from the best grasses possible to obtain for this purpose, and only those that grow and flourish under shady conditions in their natural and wild state are used. Ordinary lawn grass might grow for a short time, but as a general rule it will last but a short while and then make a poor showing.

**Shady Spot Lawn Seed** if sown in these places will undoubtedly grow and produce the best results.

**PRICE AT OUR STORE:**  $\frac{1}{4}$  lb. 15c.,  $\frac{1}{2}$  lb. 25c., 1 lb. 45c., 2 lbs. 80c., 10 lbs. \$3.75, 25 lbs. \$9.00; 50 lbs. \$16.00, 100 lbs. \$30.00.

If wanted by mail allow for postage. See inside cover page.



## Use Climax Lawn Sand for Weedy Lawns

This remarkable preparation, when applied to weedy lawns, will adhere to the rough, hairy leaves of Dandelions, Plantains, etc., and, by absorbing therefrom all the sap, destroy them beyond recovery. It acts as a valuable fertilizer. The most weedy and impoverished lawn will show a remarkable improvement after a single application.

A leaflet, giving in detail all the merits of this wonderful weed eradicator, explicit directions for use and testimonials from every part of this country, will be gladly mailed free to any applicant.

**When to Apply.** Select a bright day when the weather seems settled for at least 24 hours. The weeds should be exposed to the direct rays of the sun for three or four hours after application. Stubborn weeds like Plantain, Dandelion and Dock should have a pinch applied directly in the crown of each.

**3½ lbs. 75c., 7 lbs. \$1.25, 14 lbs. \$2.00, 28 lbs. \$3.50, 56 lbs. \$6.00. Postage extra.**





## BOSTON QUALITY LAWN SEED



What is more attractive than a well-designed house surrounded by artistically treated grounds and a beautiful lawn, the rich, green, velvety turf being always the most attractive?

You can make your lawn by using sod or sowing seed. If sods are used you may have your lawn quicker, but it is not to be compared to the one sown by seed, as the dry weather causes creases to form, about which the grass dies out, and the grasses in the sod usually found in the pastures or on the roadsides, and which is generally the kind used, are not the sort to make a smooth turf on a lawn.

Use the "Boston Quality Lawn Seed." It is not the work of a novice to select varieties of grasses that will produce a lawn for all situations, but he must be a person of long experience and thorough knowledge of the growth of grasses that will make a good turf. You will find the "Boston Quality Lawn Seed" one that meets the requirements. It is composed of such grasses that make a good turf, carefully

blended together in such proportions as will produce a good lawn when properly prepared, and will grow under varied conditions, soils and climates and at different seasons of the year. Here is the advantage of the "Boston Quality Lawn Seed."

For making new lawns use 4 bushels to acre; 1 qt. will sow 300 square feet or a plot 15 x 20 feet.  
 $\frac{1}{2}$  lb. 25c., 1 lb. 40c., 10 lbs. \$3.50, 25 lbs. \$8.00, 50 lbs. \$15.50, 100 lbs. \$30.00.



## PULVERIZED SHEEP MANURE

Wizard Brand. "A Wagon Load in a Bag."

The successful use of Wizard Brand Pulverized Sheep Manure and the constantly increasing demand for this high grade natural fertilizer is its best recommendation. It is the best and most economical natural manure.

By a special process, heat has killed all the weed seeds common to animal manure so that contamination by the use of Wizard Brand Sheep Manure is impossible. Perfectly safe for all particular uses, such as golf course, country club, and park lawns into which the introduction of weeds or foreign grasses would be extremely objectionable.

It is a complete fertilizer containing a liberal supply of each of the three necessary plant foods, nitrogen, phosphoric acid and potash, in combination with humus and organic matter so essential, and yet so difficult for the average man to obtain.

If you really want the greenest kind of a velvety lawn or a garden that will be a delight to possess, flowers of rare foliage and bloom, fruits, vegetables, and berries that come near to perfection, give your soil a liberal dressing of Wizard Brand Sheep Manure the first thing this Spring.

As a top dressing for lawns broadcast about 100 lbs. per 2000 sq. ft. or one ton per acre. Don't be without a supply, for its cost is small compared with its returns.

Lb. 10c., 5 lbs. 35c., 10 lbs. 70c., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.25,  $\frac{1}{4}$  ton \$15.00,  $\frac{1}{2}$  ton \$29.25, ton \$57.50.



## LAWN MOWERS

**TOWNSEND'S VICTORY.** "The best mower ever made"; is superior in design, material, workmanship and finish. Ball bearing. Runs easily, smoothly and quietly. Not even the click of the ratchet can be heard when drawn backward. 14 in. \$21.00, 16 in. \$23.00, 18 in. \$25.00, 20 in. \$27.00.

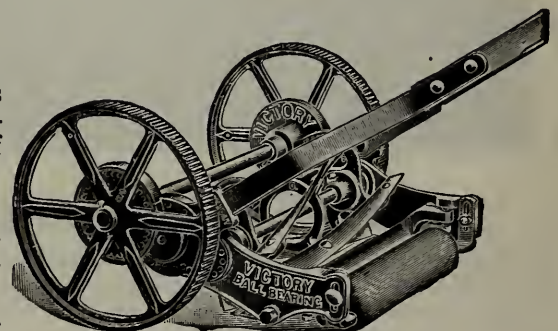
**FLYER.** Another product of the Townsend factory. Ball bearing. A gem of lawn mower construction at a moderate price. 14 in. \$15.00, 16 in. \$16.00, 18 in. \$17.00.

**GLEANER.** Strong, light, powerful. The best trimmer on earth. 8 in. \$11.00, 10 in. \$11.75, 12 in. \$12.50.

**PHILADELPHIA, Style K.** The genuine article, guaranteed from defects in materials or workmanship. A popular mower with the man who likes to cut his own lawn. 14 in. \$20.00, 16 in. \$22.00, 18 in. \$24.00, 20 in. \$26.00.

**PHILADELPHIA ALL DAY.** A popular model, with high wheels, for moderate-sized lawns. Has given universal satisfaction. 14 in. \$15.00, 16 in. \$15.75, 18 in. \$16.50.

For a more complete description, with a full list of Lawn Requisites, see pages 158 and 159.





# SPECIAL PURPOSE GRASS SEED MIXTURES

## F. F. R. Special Golf Course Mixture

Considerable knowledge of grasses is necessary to make a well balanced mixture that will produce a strong, permanent turf to withstand the severe use given to golf courses. We have paid particular attention to this, and offer our Golf Course Mixture of strong growing sorts with creeping rootstocks to meet every requirement.

It will equal the mixtures used on the finest courses in the country. We recommend it for laying down new courses or for renovating old ones. For new seeding use from 100 to 150 lbs. per acre and less on old sods according to their individual needs.

In purchasing for Courses with unusual soil conditions, such as extremely low or boggy, high and dry locations, or soil which is very light and sandy, it would be to the buyer's advantage to mention the conditions, so that special attention may be given to the order.

**Price: Lb. 40c., 10 lbs. \$3.80, 25 lbs. \$9.00, 50 lbs. \$17.00, 100 lbs. \$33.00. Postage extra**



## Putting Green Mixture

A very carefully prepared mixture for use on putting greens, croquet lawns, tennis courts, bowling greens, and lawns used for clock golf. This mixture produces a very thick, soft growth, when sown on a well prepared ground, and mowed short will allow a ball to roll in almost a direct line. The grasses used are such as can be kept closely cropped and will stand a great deal of trampling. No mixture could possess more desirable qualities. We especially recommend it to those who are particular to obtain the very best. Twenty-five lbs. will seed a putting green 75 feet square.

**Lb. 50c., 10 lbs. \$4.70, 25 lbs. \$12.00, 50 lbs. \$22.00, 100 lbs. \$40.00.**

## Fair Green Mixture

Composed of a combination of grasses all of a dwarf spreading growth, making a soft, velvety surface and which will withstand quite severe and rough usage. It is needless to say that these always improve, year after year, forming a closer and thicker mat. Use 100 lbs. to 150 lbs. per acre.

**Lb. 40c., 100 lbs. \$30.00, 1000 lbs. \$280.00.**

## Bank and Terrace Mixture

A splendid mixture of varieties having strong, deep-spreading roots of quick growth that are most effectual in binding loose soils, and thus prevent slopes from being washed out by rains. It will thrive under adverse conditions and produce a fine, smooth velvety sod of a beautiful rich green. If a paste is made of the seed, liquid manure and soil, and so applied to the prepared slope good results may be assured. One to two lbs. per square rod is a fair application of seed.

**Price: Lb. 40c., 5 lbs. \$2.00, 10 lbs. \$3.80, 25 lbs. \$9.25, 100 lbs. \$36.00. Postage extra**

## Special Mixtures Made for Special Locations

Many customers have made experiments of their own, and have found that certain varieties of grass will do better than others on their land. We are well aware that we cannot make one mixture answer for all cases, and are pleased to have our friends consult with us regarding varieties suitable for their particular purpose. If it is desired to have certain varieties included in their mixture, we are only too pleased to be of service, for we have, on pages 50-52, a very complete list of fancy varieties of which we always carry a large stock for just such needs. We have facilities for executing all such orders promptly.



# Highest Grade Vegetable Seeds



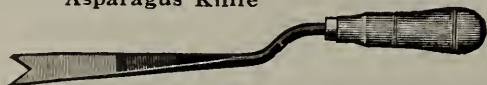
Asparagus

## Asparagus Roots

150 roots will set a bed 12 x 35 ft.

	Doz.	100	500	1000
<b>MARTHA WASHINGTON.</b> New. Rust resistant. Stalks large, of rapid growth, very tender.....				
	\$0.75	\$3.50		
<b>CONOVER'S COLOSSAL.</b> 2 year..... 3 year.....	.30 .40	1.25 1.75	\$5.50 7.50	\$10.00 14.00
<b>GIANT ARGENTEUIL.</b> 2 year..... 3 year.....	.30 .40	1.25 1.75	5.50 7.50	10.00 14.00
<b>PALMETTO.</b> 2 year..... 3 year.....	.30 .50	1.25 2.00	5.50 8.50	10.00 16.00
<b>READING GIANT.</b> A fa- vorite in this market. 2 year..... 3 year.....	.40 .50	1.50 2.00	6.50 8.50	12.00 16.00

Asparagus Knife



The best knife for cutting Asparagus.

Each 40c.

**RAFFIA.** Soft and pliable. Very strong.

Lb. 30c., 5 lbs. \$1.25

**TAPE.** Many gardeners are using this to add materially to the appearance of their product, which always commands a higher price in the best markets. Red or blue, per spool of 1000 yards, \$6.00.

The growing and marketing of the enormous quantities of seed required to produce the food for the one hundred million people in these United States of ours is a tremendous problem. Today the two ends of the business are to a large extent entirely separate and confined to specialists. We make no claim to produce all the seeds we offer for sale, but there are many strains the stock seed of which we control and take pride in offering to the public as being especially desirable. The balance of our list is purchased from experts in their particular line, men who we have learned by our years of experience are reliable. Thus it is that we can assure our friends that our seeds are the "Highest Grade" in accord with our policy. We offer our services, confident that, by means of the constantly improving parcel post system, we can bring the best the world affords to your very door, and we respectfully solicit your patronage.

## Asparagus

One ounce will sow about 50 feet of drill.

**CULTURE**—Asparagus roots may be purchased in the Spring, or may be grown from seed sown in April or May, in good soil, in drills 12 to 14 inches apart. The permanent bed should be made very rich with well-rotted manure, and thoroughly worked over to a depth of nearly 2 feet. The Asparagus roots (either one or two years old) are to be transplanted into this bed, setting them in rows 3 or 4 feet apart, leaving about 18 inches between the plants in the row. Lay the roots flat in trenches, spreading them well, and using care to have all the crowns placed in the same direction, to keep the roots from running together. Cover lightly at first, gradually filling the trenches as the plants begin to start; the crowns of the roots should be about six inches below the level of the bed. Avoid location near trees, particularly large trees, or their roots will soon take possession of the ground.

**CONOVER'S COLOSSAL.** A well known variety of large size; tender and of good quality.

Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. \$1.00.

**EARLY GIANT ARGENTEUIL.** A very popular French variety that has thus far been free from rust; valuable on account of its earliness. The stalks grow to mammoth size, sometimes weighing as much as four ounces.

Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00.

**PALMETTO.** A good cropper of a light green. Large, tender and desirable.

Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00.

**READING GIANT.** Early, large, and vigorous in growth. Flavor delicious.

Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00.

## Artichoke

**CULTURE**—In February or March sow in hotbed, transplant to the open in May in rows three or four feet apart, and two feet apart in the rows. Should give globes the same year. Seed sown in May and transplanted in June has to be wintered. Tie up leaves, then bank with dirt; will mature the second year.

**GIANT GREEN GLOBE.** Produces large globular heads, thick, succulent scales, the bottom of which is the edible part. Boiled till tender, it makes a delicious dish.

Pkt. 25c., ½ oz. 50c., oz. \$1.00.

**JERUSALEM ARTICHOKE.** Sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock.

Tubers, postpaid.....lb. 35c., 3 lbs. \$1.00.

By freight or express.....pk. \$2.00, bus. \$6.00.



# DWARF, or BUSH BEANS

Two pounds sufficient for 100 feet of drill.

By Parcel Post add postage at Zone rates  
(see second cover page)

## Wax, or Yellow Podded



**Golden Wax** *The most tender of all market sorts. One of the best for home garden. Pods long, nearly straight, broad, flat, golden yellow and very fleshy. It is the highest quality snap Bean. Dry Bean oval, white, more or less colored with shades of purplish red.*  
Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.70.

**Golden Wax Improved** *It is an excellent market Bean as it does not rust. Dry Beans more white than the Golden Wax, but mottled dark.*  
Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.70.

**Kidney Wax, Wardwell's** *One of the most popular Beans in this vicinity, especially for the market gardeners, owing to the large size of the pod and excellent quality. Vines are very large, strong and vigorous, bearing long, straight, wax-like pods. Dry Beans are large, kidney-shaped, white, dark-marked about the eye.*  
Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.70.

**Golden Wax, Keeney's Rustless** *A superior market garden Wax Bean. Large, flat golden yellow and very fleshy pod. It has an excellent flavor and is less liable to be stringy than any other rust-proof Beans.*  
Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.70.

**GOLDEN-EYED WAX.** *Clear, golden wax pods of good size, free from rust and an excellent keeper. Beans white, with golden eye.*  
Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.70.

**SURE CROP STRINGLESS WAX.** *A favorable sort for either home use or market garden. It is a dwarf-growing variety; strong, vigorous vines, producing early, rich yellow pods of extra size, measuring seven to seven and one-half inches long, more than one-half inch wide and nearly one-half inch thick, and of excellent quality. But this is not all. It is one of the most prolific bush Beans, producing beautiful, rich yellow pods which sell at sight and taste like more. It is early, hardy, stringless, rust-proof, finest quality; exceedingly prolific.*  
Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.70.

**KIDNEY WAX, ROUND POD.** *Excellent for the market gardener where a round pod is the more salable. This is one of the most popular both for home use and as a market Bean, of all the round-podded wax varieties. Vines are very large, strong and vigorous, bearing long, straight wax-like pods of large size and excellent quality. Dry Beans are large, kidney-shaped, white, dark-marked about the eye.*  
Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.70.

**Kidney Wax, Davis** *An excellent Bean for market gardeners. Must be picked just before coming to maturity. Its superiority over others is its extreme hardiness and excellent keeping qualities. It is considered one of the rust-proof Beans with large, well-shaped, flat waxy pods. Dry Bean is kidney-shaped and white.*  
Pkt. 20c., lb. 40c., 2 lbs. 70c., 7½ lbs. \$2.50.

**CRACKER-JACK WAX.** *An excellent market variety, with good shipping qualities. A very popular sort with the Western market gardeners, of good size and color. Pods more round and fleshy than well-known Wardwells.*  
Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.50.



Wardwell's Kidney Wax

**Hodson Wax** *One of the most prolific of all the wax Beans. The pods are straight and average about seven inches in length; color, clear light yellow. Vines are very vigorous and well filled with pods that are entirely free from rust and blight. Matures about ten days later than Wardwell's Kidney Wax.*  
Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.50.

**Black Wax, Prolific** *One of the best for a home garden, perfectly stringless, and of excellent flavor. Pods medium size, round and of a clear, waxy white color.*  
Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.70.

**BLACK WAX, CURRIE'S RUST-PROOF.** *A superior variety for markets; excellent flavor. Pods large, yellow, rust-proof. Dry Bean black.*  
Pkt. 20c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.40.

**Refugee Wax** *A superior Bean for home use. Pods long, round and yellow; are thick meated, perfectly stringless and of excellent flavor. Dry Beans are mottled dark drab.*  
Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.70.





# DWARF, or BUSH BEANS

## Green Podded String, or Snap Beans

Two pounds sufficient for 100 feet of drill.



Green-Podded Bean, Bountiful

### Valentine, Improved Early Red

*One of the best extra early for home use or market.* Extra early, and is usually ready for harvesting from thirty-five to forty days after planting. A fine variety for midsummer sowing to ripen in September. Vines strong and vigorous; pods green, medium length, curved, with creases in the back, very fleshy, crisp and tender. Dry Beans medium size, long, irregular, pink, marbled with red.

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.40.

### Bountiful

*For the market gardener this is one of the popular varieties.* Pods are medium size, green and flat; an excellent snap Bean. Dry Beans are yellowish brown color.

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.40.

### Full Measure

*An excellent Bean for market gardeners.* Prolific, and produces the pods early; long, straight and handsome; are meaty and good quality; very thick, flat or almost a semi-round. Quality, stringlessness and productiveness should recommend this sort.

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.40.

### Refugee, or 1000 to 1

*One of the best for late Fall planting.*

An excellent early snap Bean and used especially for late planting for use as pickles. Pods are of medium length, round and light green.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.50.

By Parcel Post add postage at Zone rates (see second cover page).

### Stringless Green Pod

*Valuable for home garden or for market.* It is valuable for its extreme earliness and is absolutely stringless, which makes it one of our best extra early Beans, and wonderfully productive; pods of handsome appearance and finest quality. Extra early plantings will produce earliest crops; the later plantings will always produce pods the quickest.

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.40.

### Hodson Green Pod

*Similar in every respect to the Hodson Wax described on page 7, with the exception of the pods, which are green instead of yellow wax.*

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.40.

### Long Yellow Six-Weeks

*Extra early, pods long, green in color, straight and quite thick; very productive and good quality. Vines are large, vigorous and branching; Beans long, kidney-shaped and yellowish brown.*

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.40.

### Longfellow

*Remarkably early and has excellent flavor; its delicacy remains almost intact when prepared for the table. The pods are about six and one-half inches long, pale green in color, straight and round; very productive and crop matures very regularly. Beans are small, mottled dark red.*

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.40.

### Low's Champion

*or DWARF RED CRANBERRY. An excellent shell or string Bean.*

*One of our best Green-pod Beans for market gardeners and also for the home garden. It is abundantly productive, being a vigorous grower, and keeps the pods well off the ground, preventing them from molding or blighting. Dry Bean beautiful, bright red color.*

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.50

### Mohawk Early

*Hardest of any early Bean; will stand a slight frost and for this reason is excellent for market gardener. Vines are large with coarse leaves; pods, long, straight, flat and green. Dry Beans long, kidney-shape, variegated drab, purple and brown. For a dark colored Bean, it is one of the richest Beans for baking.*

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.50.

### Stringless Green Pod

*(Giant Strain). The same description will answer for the Giant Strain, only the Bean and pod are larger and lighter in color; it is also very early.*

By repeated plantings during the season, pod may be had in constant success from early Summer till killed by frost.

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.40.

### Valentine-Black

*A great improvement over the Red Valentine, as the pods are nearly one-third larger; perfectly round, although not quite as early; very prolific.*

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.40.

### REFUGEE, EXTRA EARLY.

*A selection from the Refugee with all its good qualities and about ten days earlier. Dry Beans long and dark drab; pods splashed with purple. An excellent Bean for planting during July and August for late pickling Beans.*

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.70.





Bean, Stringless Green-Pod

BEANS, GREEN PODDED--Continued

**Varieties Used for Shelling**

**Boston Favorite** or **GODDARD**. Pods and beans larger and longer than the Dwarf Horticultural. Vines are large and pods green when young, but when beans mature fit for use are beautifully striped with crimson. Dry beans are long, nearly clear, with splashes of bright red.

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7½ lbs. \$2.40.  
**DWARF RED CRANBERRY**.. See Low's Champion, page 8.

**Horticultural Dwarf** or **SPECKLED CRANBERRY**. It is undoubtedly the best variety for use as a shell Bean. Vines compact, upright, with large leaves and very productive. Pods are green when young, but when beans become fit for use are beautifully striped with splashes of bright red on a yellowish ground. Dry beans large, oval, nearly covered with splashes of bright red.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.40.

**French Horticultural Dwarf** This is a bean of the Horticultural or Speckled Cranberry type which has been grown for a number of years in certain localities in the vicinity of Boston. The vines are compact and of upright growth; sometimes inclined to send out runners but do not climb; the runners are not sufficient to affect the bean in any way. When fit to use are beautifully striped with splashes of bright crimson on a somewhat yellowish ground. Its extremely bright color makes the bean very attractive in the market and it sells usually for 25c. or 50c. more than the ordinary Dwarf Horticultural. The dry beans are large, oval and nearly covered with splashes of bright red.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.70.

**Baking Varieties**

Pkt. 10c., lb. 20c., 2 lbs. 35c., 7½ lbs. \$1.25.

**WHITE PEA**. The popular baking bean of New England. Small, round, green podded, dry beans; white, early and prolific.

**YELLOW EYE IMPROVED**. An excellent baking bean.

**RED KIDNEY**. Large red kidney-shaped Beans of excellent quality. The old-fashioned baking Bean.

**English Broad Bean**

**BROAD WINDSOR**. An old fashioned English shell Bean. This Bean is very hardy; it should be planted as early as the ground will permit, three or four inches deep in rows three feet apart, and plants four feet apart in row. Dry Beans very large and yellowish green.

Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 7½ lbs. \$3.25.

**Forcing Beans**

Pkt. 30c., lb. 90c., 2 lbs. \$1.50.

**CARTER'S MAGPIE**. A remarkably fine Dwarf French Bean, which has attracted much favorable attention. As re-selected it has become good here in all seasons, producing heavy crops when other varieties are damaged or fail. It is also an excellent forcer. Pods long and large.

**CARTER'S SUNRISE**. A distinct and valuable first early Dwarf French Bean for forcing or outdoors. It not only possesses good forcing qualities, but is an excellent cropper, and produces large and superior pods. Very compact growth and remarkable early.



Bean, Dwarf Horticultural



## Dwarf Lima Beans

**Fordhook Bush Lima** This new Bush Lima is of uniformly erect bush habit, branching freely, but with all the branches held upright. It bears tremendous crops and sets pods freely even in a cool, wet season. The plump, well-filled pods are twice as large as those of the Dreer Bush Lima, and Beans are also twice as large.

Pkt. 20c., lb. 45c., 2 lbs. 85c., 7½ lbs. \$3.00.

### Burpee's Improved Bush Lima

*Earliest, largest and the best of all large Limas. The sturdy bushes are loaded with pods that are truly enormous in size. The luscious green Beans are larger than any Limas ever known before. It is fully eight to ten days earlier than any other large Limas; will outyield Burpee's Bush Lima by fully one-third as the pods are very much larger, while the Beans either green or dry are nearly twice as thick; even when full size are of most luscious flavor.*

Pkt. 20c., lb. 45c., 2 lbs. 85c., 7½ lbs. \$3.00.

**Dreer's Bush Lima** It has a bush habit and grows vigorously eighteen to twenty-four inches high. The Beans are very thick and grow close together, three, four and sometimes five in a pod.

Pkt. 20c., lb. 45c., 2 lbs. 85c., 7½ lbs. \$3.00.

**Henderson's Bush Lima** Exceedingly productive, bearing continuously through the Summer until killed by the frost. Its greatest merit lies in its extreme earliness as it comes two or three weeks earlier than any other Lima Bean.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7½ lbs. \$2.40.



Dreer's Bush Lime

## Pole Lima Beans

**Carpinteria Pole Lima** The most perfect pole Lima Bean in existence. The Beans have a greenish tint, an indication of good quality. The vines are vigorous and make a strong growth, producing a large quantity of Beans in a fairly large pod, which are thicker than the ordinary Lima and retain their color.

Pkt. 20c., lb. 45c., 2 lbs. 85c., 7½ lbs. \$3.00.

**Dreer's Improved Lima** An abundance of large, thick pods produced on vigorous vines. Beans medium size, very much thicker than the large Limas.

Pkt. 20c., lb. 45c., 2 lbs. 85c., 7½ lbs. \$3.00.

**Extra Early Jersey** Very productive and of fine quality. It is especially valuable to those residing in districts where the season is too short to produce later ones, being 10 to 15 days earlier than any other pole Lima.

Pkt. 20c., lb. 45c., 2 lbs. 85c., 7½ lbs. \$3.00.

**King of the Garden** Stronger and more productive than any of the other large white Limas and is a favorite with the market gardeners on account of its large pods. If two vines are left growing on a pole it will come into bearing sooner and make large pods.

Pkt. 20c., lb. 45c., 2 lbs. 85c., 7½ lbs. \$3.00.

**Large White** The only old-fashioned Pole Lima. The pods are long and thick; Beans are large and meaty; quality good.

Pkt. 20c., lb. 45c., 2 lbs. 85c., 7½ lbs. \$3.00.

**Sieva, or Small Lima** Popular small-seeded variety of quick growth and early maturity. A very productive variety.

Pkt. 20c., lb. 45c., 2 lbs. 85c., 7½ lbs. \$3.00.

## Mulford Cultures

FOR LEGUMES



Pole Lima, King of the Garden



# POLE BEANS

By Parcel Post add postage at Zone rates (see second cover page).

## Arlington Red Cranberry

*Always tender and crisp; the market gardener's favorite.* The pods are green and it is one of the best snap Beans. Dry Beans are a beautiful bright red, large and of the finest flavor, green or dry.

Pkt. 20c., lb. 45c.,

2 lbs. 85c., 7½ lbs. \$3.00.

## Golden Cluster

One of the earliest wax Pole Beans. Vines large, strong, vigorous; pods 6 to 8 inches long in clusters, thick and fleshy; bright golden yellow. Dry Beans white and nearly round.

Pkt. 25c.,

lb. 50c., 2 lbs. 90c., 7½ lbs. \$3.25.

## Improved Kentucky Wonder

(Old Homestead.) *Excellent flavor and enormously productive;* entirely stringless and of a silvery green color. About ten days earlier than any other green-pod sort. Beans are rather small, oblong and of a yellowish brown color. Pods are green.

Pkt. 20c., lb. 40c.,

2 lbs. 75c., 7½ lbs. \$2.70.

## Worcester Pole

*For the market gardener the best Pole Bean in cultivation.* Pods are very large, exceedingly bright and hang in clusters. As a shell Bean it is unequalled for tenderness. Dry Beans splashed bright red.

Pkt. 20c., lb. 40c.,

2 lbs. 75c., 7½ lbs. \$2.70.

## Kentucky Wonder Wax

(Pods are yellow.) The vine and pods are similar to those of the Kentucky Wonder, but the quality is far superior in every way. A very prolific sort; begins to bear when no higher than the average bush Bean and continues to bear until killed by frost. The Beans are so fleshy that the pods are even thicker than they are wide. They have a delicious, rich flavor.

Pkt. 25c.,

lb. 50c., 2 lbs. 90c., 7½ lbs. \$3.25.

## HOTICULTURAL, or SPECKLED CRANBERRY.

Of the highest quality as a shell Bean. Pods of medium size, pale green streaked with bright red. Dry Beans nearly round splashed with bright red.

Pkt. 20c., lb. 40c.,

2 lbs. 75c., 7½ lbs. \$2.70.

## INDIAN CHIEF, or TALL BLACK WAX.

Superior quality with golden yellow pods which are short, broad, flat and fleshy.

Pkt., 20c., lb. 40c.,

2 lbs. 75c., 7½ lbs. \$2.70.

## SCARLET RUNNER.

Usually cultivated for the beauty of its scarlet flowers. In England one of the very best string Beans. Dry Beans mottled.

Pkt. 20c. lb. 40c., 2 lbs. 75c.

## WHITE RUNNER.

White flowers. Pkt. 20c. lb. 40c., 2 lbs. 75c.

## YARD LONG.

This is an interesting curiosity. In sections where the climate agrees with this Bean, it will produce long, slender, round pods which average two feet or more in length, having the thickness of a lead pencil.

Packages only 25c. each.

## Cedar Bean Poles

Extra heavy quality

Per doz. \$1.50, per 100, \$10.00.



Worcester Pole

Showing pod full size



Improved Kentucky Wonder



# BEETS

**CULTURE.**—Sow in rows twelve to fifteen inches apart, thin out to four inches in row; plant seed about one-half inch deep as early as ground can be worked. For late crop plant up to end of July. Beets like a deep, rich, sandy loam.

*One ounce will sow 50 feet of drill; six to eight pounds to an acre.*



Beet, Crosby Improved Egyptian

**Arlington Favorite** A favorite with the market gardeners as a second early; small foliage; flesh deep red color. An improved sort, turnip shape, excellent flavor. Ready for use almost as quickly as the early sorts and are of better quality, retaining the same until roots have reached full size. *For the market gardener one of the most popular varieties.*

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**BOSTON MARKET.** The largest extra early blood turnip Beet. Runs uniform in shape with a small tap root. Excellent quality and valuable for both the market and private gardener.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**Crosby's Improved Egyptian** *This is the best extra early variety grown for this market.* Has a small top and excellent form and a small tap root; it is in every way a great improvement over the old variety of Egyptian Beet. It was improved by the late Josiah Crosby of Arlington, Mass. Our stock is selected as to trueness of shape and color.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c., lb. \$2.50.

**Crosby's Improved Egyptian** (Special Market Gardener's Strain.) Selected with the greatest of care as to color, shape and earliness. We have only a limited amount of seed of this particular selection.

Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$4.00.

**Edmand's** *For late planting the best dark blood Beet.* It is a thoroughly fixed, uniform type; flesh deep red in color, exceedingly sweet and tender. Has a small top and single tap root which fact recommends itself to the market gardener's attention. Special care is taken in the selection of the beet roots saved for seed.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Detroit Dark Red** Color of skin very dark red; small tops. Roots mature very evenly in size and shape, also color. *One of the best of all varieties for market.*

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**DARK RED EGYPTIAN.** Very early, deep red, almost flat variety.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**DEWING'S IMPROVED TURNIP.** A fine form and flavor; a good color and desirable variety.

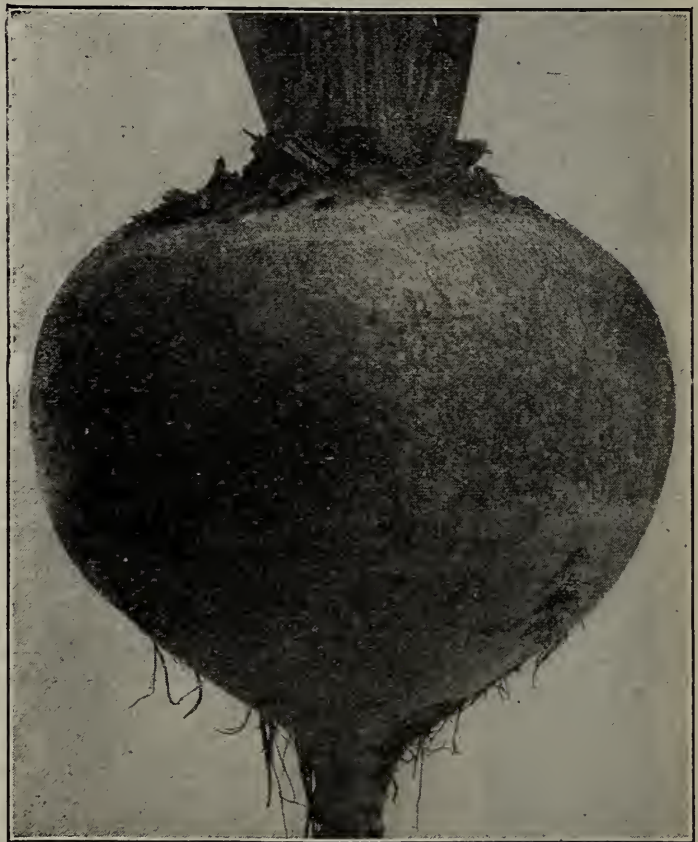
Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**EARLY WONDER.** One of the earliest and most perfectly shaped Beets. Its beautiful, deep blood-red, nearly globular-shaped root, small-sized top, and small, clean tap root, make it desirable. Its attractive appearance, uniformity of size, shape and color, and excellent keeping qualities have created a splendid demand for this sort. Grown very extensively for late fall sowing; as it matures two weeks earlier than any other desirable Beet. A field of Early Wonder will mature so evenly that the entire crop may be harvested at one time. We urge that you give it a careful trial.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**ECLIPSE.** Extremely early variety; recommended to market gardeners on account of its small, fine tops.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.



Edmand's Beet

## Grown for the Leaves Only

**SWISS CHARD.** Sometimes called Sea Kale Beet. After once having used Swiss Chard for greens we believe your garden will always have at least a row of Swiss Chard; it is delicious. Is cultivated for its leaf stock which is served up like Asparagus or Spinach, by using the outer leaves.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c., lb. \$2.50.

**SWISS CHARD LUCULLUS.** A new moss curled sort. Very large leaves and the middle ribs are very broad, forming a good substitute for Asparagus during the Summer months.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c., lb. \$2.50.



# BEETS, or MANGEL-WURZEL

## For Feeding Cattle and Poultry

*Six pounds of seed will sow one acre.*

**CULTURE.**—Sow in drills about two feet apart, thin out to nine to twelve inches in row. The long varieties are best suited to a deep soil, and globe sorts succeed better than the long sorts on sandy soil.

**Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.25, 10 lbs. or over, \$1.00 lb.**

**Gate Post** Originated in England. Is one of the largest and most useful of the Mangels, roots often weighing forty pounds and over. Our seed is all grown by the originator.

**Mammoth Long Red** The Mammoth Long Red Mangel has been used in New England for many years, and its worth is still acknowledged by all who grow Mangels. As its name implies, the roots are of enormous size, very regular in form, with exceedingly small tops. Skin is a bright, dark red, the roots grow from one-half to two-thirds out of the ground, sometimes to a length of two feet. The Mammoth Long Red will produce the largest tonnage to the acre.

**GIANT YELLOW INTERMEDIATE MANGEL.** Grows more than half above the ground and of a rust-yellow color with thick neck, large leaves with green stems, and very smooth and fine skin. Flesh is white, firm and sweet.

## Sugar Beet

Sow 6 to 8 lbs. per acre. Valuable both for producing sugar and stock feeding

**Giant Half-Long Rose** A variety very similar in habit and growth to the Giant Feeding Sugar Beet except in color. The color of the skin above the ground is bright rose and white below. The flesh is white, sometimes tinged rose.

**Klein Wanzleben** This variety is cultivated on a larger scale than any other Sugar Beet. Root is conical, straight and even, large at top and rapidly tapering. Not as large as some of the other sorts but contains the largest percentage of saccharine matter.

**LANE'S IMPERIAL.** An improved variety; very hardy and productive.

**VILMORIN'S IMPROVED WHITE.** Contains the highest percentage of sugar; also valuable for stock.



Brussels Sprouts, Long Island Improved

**RED GLOBE.** A large, red, oval variety producing a larger crop on shallow soil than the Mammoth Long Red. An excellent keeping sort.

**Danish Sludstrup** The Danish Sludstrup Mangel is considered in Denmark as the best of all Mangels, after having been awarded a first-class certificate offered by the Danish Government. It is of a distinct type, long, and of reddish-yellow color, very hardy, which grows well above the ground, and is easily harvested. A variety which contains a very large percentage of nutriment.

**Mammoth Golden Giant** A very large variety, and remarkably even in shape, and of vigorous growth. The flesh is white, sweet and firm, with a fine neck and smooth skin and a sort quite attractive to cattle. Noted for its excellent keeping qualities.

**Giant Half Long White** This grand Sugar Beet, which gives nearly as large a yield as a crop of Mangels, supplies a much higher nutritive food value. The yield under favorable conditions is more than any other Sugar Beet, compared with its highly nutritive value. The roots grow partly out of the ground and on account of this, as well as their shape, the crops can be harvested and stored at less expense than most any other root crop.

## Brussels Sprouts

**CULTURE.**—A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as Cauliflower. The seeds should be sown about the middle of May, in a seed-bed, and the plants afterward set in rows two feet or more apart and cultivated like Cabbage.

**Danish Giant.** A small-leaved, tall-growing variety of this desirable vegetable, and very productive, which through careful selection has been brought to perfection. Grows freely during the Summer, and is fully developed by the early frosts, at which time the stems are thickly set with sprouts.

**Pkt. 10c., oz. 40c., ¼ lb. \$1.50.**

**Long Island Improved.** An American variety, thoroughly acclimated; dwarf, robust habit; will endure the climatic changes better than the foreign sorts, and more free from aphids and mildew. Very large, extremely popular, excellent quality.

**Pkt. 10c., oz. 40c., ¼ lb. \$1.50.**

## Broccoli One ounce will produce about 2,000 plants.

**CULTURE.**—Sow in hotbed in April or May for early crop; transplant in May or June in rows three or four feet apart and two feet apart in row. Sow in June for late crop in hills or beds; cover seed about one-half inch. When heads are formed tie leaves up over head to blanch; deep soil is wanted for success.

**White Cape.** Very white, sure to head.

**Pkt. 25c., oz. 75c., ¼ lb. \$2.50.**

## Cardoon

**CULTURE.**—Sow in April in drills one inch deep; when one year old transplant in trenches of well-manured ground three feet apart and one foot in row. The roots remain from year to year.

**Large Smooth.** Pkt. 10c., oz. 25c., ¼ lb. 75c.





# CABBAGE

**CABBAGE PLANTS.** See page 46.

*One ounce will produce about 2,000 plants. One-quarter pound of seed in beds will produce plants for one acre.*



**CULTURE.**—Start your early crop in hotbed middle of February, covering seed about one-half inch; transplant to coldframes soon as plants are large enough, three or four inches each way. Remove glass part of each day to harden plants and plant out in open ground middle of April. For general crop sow in open ground in June in hills three feet apart.

## Early Varieties, Pointed Heads

### Charleston Wakefield *A favorite with the market gardeners.*

Resembles the Early Jersey Wakefield in form but it is much larger. Matures equally as early. Very uniform in shape and very desirable for the market gardener.

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.**

### Jersey Wakefield, Early

Although this variety is not as early as the preceding one, it will be found the very best conical heading sort to come in immediately after. It is very compact, medium size, conical and a sure header. *Extra selected stock.*

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.**

**EXPRESS, EXTRA EARLY.** This variety is ready for market or table use in about 75 or 80 days after sowing the seed. *It is the earliest variety grown, but does not have as hard a head as the later varieties. Leaves grow compactly together and it may be planted very closely.*

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.00.**

**WINNIGSTADT, EARLY.** Heads are very regular, conical, solid and a good keeper. Excellent for general use, being a sure header.

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.00.**

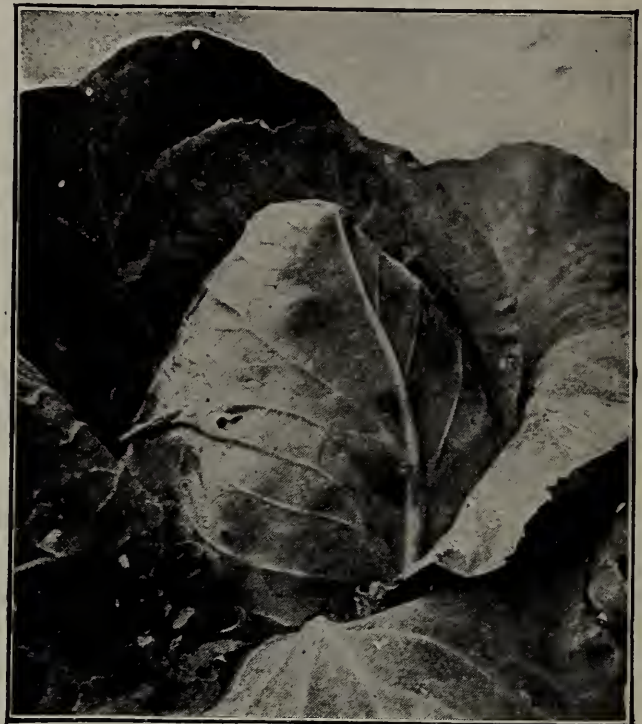
## Early Summer Flat Heading

**COPENHAGEN MARKET.** The heads are very solid with a small core and of fine quality; the average weight about ten pounds. It matures as early as the Charleston Wakefield and will give a much heavier yield than that popular variety; the plant is short stemmed. Leaves are light green and very tightly folded.

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.50.**



Cabbage, Early Summer



Cabbage, Early Jersey Wakefield

**Early Spring** *The best extra early round head variety. It matures with the Wakefield, yielding one-third more than the other extra early varieties. Heads are uniform and remarkably solid, even when small, and have few outside leaves. The popular market garden variety.*

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.**

## Early Summer, Henderson's

*One of the best second early large heading varieties, coming about ten days after the Early Jersey Wakefield. Heads medium size, solid, flat and good quality.*

**Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.**

## Savoy, or Curled-Leaf

**SAVOY, GLOBE-CURLED.** *The favorite for market gardeners. Leaves are wrinkled and dark green. Heads very hardy and improved by frost. Excellent quality and sure header.*

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.35.**

**Savoy, Globe-Curled** *A selected strain of the above. This seed is grown in Winchester, Mass., from a market gardener's private stock.*

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

## Cabbage Worms

**SLUG SHOT** used freely will control these pests. Safe, cheap and efficient. What more can be desired? See page 155.





Cabbage Stone-Mason, "Warren's Strain"

## CABBAGE—Continued

## Fall and Early Winter Varieties

**Brunswick, Fottler's** *The best for early Fall use.* In this vicinity the Brunswick is considered second to none by the market gardeners. Plants are very short stemmed; large leaves and very compact. Heads are large, flat, solid and of fine quality.

Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.35.

**Succession** Very similar to the All Seasons. It is an excellent round heading variety.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.35.

**ALL-HEAD.** One of the largest second early sorts; excellent quality. It is remarkably solid, deep, flat and very uniform.

Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. \$1.00.

**ALL SEASONS.** A very early variety with large deep heads and excellent quality. Equally good as early or Fall Cabbage.

Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.50.

**SURE HEAD.** The heads are uniform in size and very hard and firm. They weigh from ten to fifteen pounds each. Is of the flat Dutch type.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.35.

**CAPE ELIZABETH** (Portland) A valuable late Drumhead variety; excellent keeper.

Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.50.

**VOLGA.** Its uniform heads, short stems and very little foliage are its best recommendations for the market gardener. It is excellent for medium early or late Fall use. *Excellent keeper.*

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.35.

## Red Cabbage

**Large Red Drumhead** Heads are large, solid and deep red color. While there are many new varieties we know of none superior to our strain of large Red Drumhead.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**BLOOD-RED ERFURT.** Head is small, nearly round and very hard. Is of exceedingly deep color and one of the best keepers.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**MAMMOTH RED ROCK.** Heads are always deep red color and extremely solid. Average weight about ten pounds each.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

## Late Fall and Winter Varieties

**Stone-Mason, Warren's Strain** *The most popular*

*variety for market gardeners in this vicinity.* For the main crop for storing in Winter it is unequalled. Grows medium size with only a moderate number of leaves. Heads are large, round or slightly flattened; very solid and crisp; exceedingly fine flavor. The best for the main Winter crop. All of the above stock is especially selected and grown for us from a market gardener's private stock of the true David Warren strain.

Pkt. 15c., ½ oz. 50c., oz. 90c., ¼ lb. \$3.00.

**STONE MASON.** An excellent strain of the above, grown by one of our most reliable seed growers.

Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.50.

**Emperor** or **Danish Ball Head.** Remarkable for its hard heading qualities; one of the best for shipping. Heads when ready for market are fully one-quarter heavier than any other variety of similar size. The weight recommends it to the market gardeners as a money maker.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**Danish Round Head** Produces round, or ball-shaped heads of great solidity and intensely deep rich color. The growth of plant is strong and very compact; the heads are perfectly round, from six to eight inches in diameter. The extra dark coloring, remarkable hardness and large size of heads make it an excellent market type as well as most desirable for the home in slicing for slaw, salads, etc.

Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.

**PREMIUM FLAT DUTCH.** Heads large, solid, broad and flat on top. Excellent Winter variety.

Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. \$1.00.

**MARBLEHEAD MAMMOTH.** Should be set from 3½ to 4 feet each way. The heads often grow to weigh sixty pounds each. The largest variety of the Drumheads.

Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. \$1.00.

**CHINESE CABBAGE** (Pe-Tsai).

Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.50.



Cabbage, Danish Round Head





# CARROTS

One ounce will sow 100 feet of drill; three to four pounds required for acre.

**CULTURE.**—April is the time to sow for early use. Sow seed in drills twelve to fifteen inches apart, and thin out from three to four inches in drill, covering seed about one-half inch. For general crop sow in May same distance apart as above, but cover seed a little deeper, as sun is stronger. Perfect specimens require a fine, pulverized, deep soil.

## Danvers Half-Long Improved

(Stump Root.) For a general crop the best; the largest yield; the most profitable for the market gardeners. A half long orange Carrot. Roots medium length, tapering uniformly to a blunt point; smooth and handsome. Flesh sweet, crisp and tender. It is a desirable second early

Carrot for the home garden and is also suitable for field culture. The tops are of medium size. The mature roots are six to eight inches long. Although the roots of this variety at maturity are comparatively short they often produce as large a bulk as the longer field sorts and are more easily harvested. The Danvers Half-Long originated in Danvers, Mass., where the raising of Carrots is a specialty. It is now grown largely everywhere on account of its great productiveness and great adaptability to all classes of soil. Great care has been taken in the selection of roots for seeds.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c.,  
lb. \$2.50.

**DANVERS HALF-LONG** (Special Strain). We have grown for us a special selection of this Carrot by a market gardener in Danvers. After years of careful attention to shape, color and productiveness for his own private use he has produced a variety as nearly perfect as possible. Our supply is limited.

Pkt. 15c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50,  
lb. \$5.00.

**CHANTENAY, HALF-LONG.** A most excellent, medium early, half-long variety. It is one of the best in quality for the market and home garden, while its great productiveness and the ease with which it can be harvested make it desirable as a field sort. The tops are medium sized with small neck. The mature roots are thick, five and one-half to six inches in length, uniformly half-long or stump rooted but tapering slightly; smooth, deep orange-red in color. The flesh is very crisp and tender. Although a medium early sort the roots are suitable for use nearly as early as any. The variety is extensively used for bunching.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$2.50.

**EARLY SCARLET HORN** (Stump Root). One of the best early forcing varieties, this being used mostly for forcing and extra early planting. It is very fine, green and of excellent flavor as a table Carrot. Grows well in shallow soil, being a short variety with small top.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**FRENCH FORCING.** *Earliest Short Horn.* One of the earliest varieties in cultivation and very desirable for forcing. The tops are very small. The roots are reddish orange and are nearly round when forced, but somewhat longer when grown outdoors. When fully matured the roots are about two to two and one-half inches long.

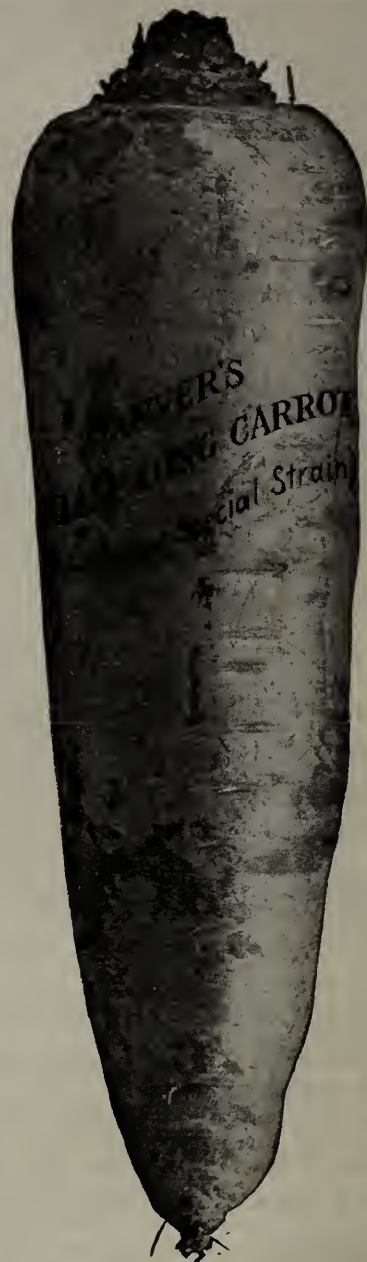
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**GUERANDE, or OXHEART.** Roots are broad at the top, terminating abruptly in a small tap root. On account of their shape they are easily dug. Flesh is a bright orange, fine grain and very sweet. The mature roots are four and one-half to five inches long, very thick, ending abruptly in a small tap root. When young the roots are desirable for table use as a medium early Carrot, and when mature they are equally good for stock feeding. Tops are small for the size root. Grows well in soil too hard for the longer growing sorts.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.



Carrot Chantenay





## CARROTS—Continued

**LARGE WHITE BELGIAN.** Root is pure white with green above ground. Small top, flesh rather coarse; roots grow to a large size on light, rich ground, usually about one-third above the ground.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**LONG ORANGE IMPROVED.** The roots of the improved strain of this variety we offer are very deep orange, long and comparatively thick, often twelve inches in length and three inches in diameter at the crown, tapering regularly to a point. The tops are rather large. This intermediate to late maturing sort is suitable for table use as well as stock feeding, combining great productiveness with uniform shape where grown in light, deep, rich soil. When of size suitable for the table, the roots are tender and of good quality.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**NANTES HALF-LONG.** The sweetest of all Carrots. Roots are smooth, almost cylindrical and of a bright orange color, growing about six inches long. The flesh is bright orange, becoming yellow in the center but without any distinct core; sweet and sugary; not apt to crack open while growing. This variety is of the finest quality and is one of the most symmetrical and handsome of the medium sized varieties. An excellent table sort and a heavy cropper.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.



## CAULIFLOWER

One ounce of seed produces about 2,000 plants.

**CULTURE.**—Cauliflowers require very high cultivation, even more so than Cabbage, and plenty of moisture. There is no more delicious vegetable grown. Cold-frame plants are probably the best and hardiest for early crops; the frames, however, need rather more protection during cold nights than is required for Cabbage plants. Seed sown in hotbeds in February will produce plants that are not inferior to coldframe plants. They should be transplanted once before setting in the open ground, and also should be gradually hardened by exposure; in this way they may be in condition to set out as early in April as the ground will permit. Set the early sorts about 2 feet by 15 inches, and cultivate the same as Cabbage. Where irrigation is practicable, great advantage is thus obtained during a drought. For late Cauliflower, sow seed in open ground from the middle of May to the middle of June, in hills the same as directed for late Cabbages. When the heads are forming, tie the leaves together at the top, thus avoiding the discoloration by exposure to the sun.

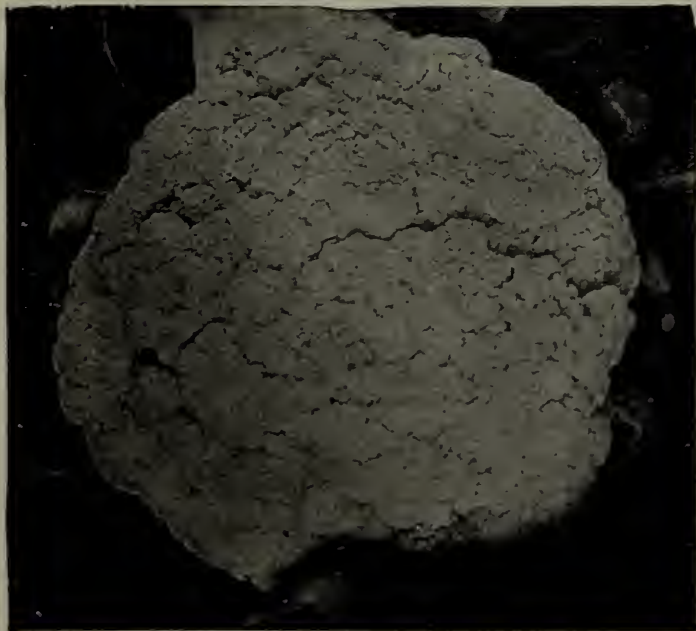
**CAULIFLOWER PLANTS.** See page 46.

**Early Snowball, Henderson's** Its dwarf habit and short outside leaves allow it being planted very close together. An extremely early variety producing magnificent white heads of finest quality. For market gardeners' use it is one of the most profitable. Excellent for family use.

Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.00,  $\frac{1}{2}$  oz. \$2.00, oz. \$3.50.

**EARLY PARIS.** Early sort, rather large heads and quite compact.

Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.50.



Early Snowball Cauliflower

Carrot  
Nantes Half-Long



**Fottler's Champion Erfurt** (Extra selected.) We

have sold this strain of Cauliflower for many years, and it has invariably proved satisfactory. The heads are uniformly large, compact, white and well formed. We know of no variety that is its superior, and our largely increased sales from year to year are evidence that it is found to be reliable by our customers, many of whom use it in large quantities.

Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.00,  $\frac{1}{2}$  oz. \$2.00, oz. \$3.50.

**Sea Foam** It is of a dwarf and compact habit; medium-sized heads; firm and attractive in appearance. *Unsurpassed in quality*, almost a sure header; nearest to a snow-white head in Cauliflower. For forcing we do not think is it equaled.

Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.00,  $\frac{1}{2}$  oz. \$2.00, oz. \$3.50.

**Danish Giant** (*Dry Weather*.) The growth is very similar to that of Early Dwarf Erfurt, but with heavier foliage, and is less liable to blight in hot weather. It has been grown with excellent results where other varieties fail to form heads, especially in locations subjected to long droughts.

Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.00,  $\frac{1}{2}$  oz. \$2.00, oz. \$3.50.

**EARLY DWARF ERFURT.** One of the popular varieties used in this section for the market garden. Plants are compact with few narrow, upright leaves, making it especially valuable for close planting and large yields. Heads are extra large size, pure white and averaging eight to nine inches in diameter. Market gardeners will find this variety runs very even in size.

Pkt. 25c.,  $\frac{1}{4}$  oz. \$1.00,  $\frac{1}{2}$  oz. \$2.00, oz. \$3.50.

**ALGIERS.** A large and popular late variety largely grown for the New York markets.

Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.50.





## CELERY

*One ounce will produce about 3,000 plants. One-half pound of seed sufficient to sow one acre.*



**CULTURE.**—The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 12 inches between plants in the row. Some gardeners trim off the tops a little, while the plants are small, to make them more stocky. Keep down all weeds, and, as Fall approaches, draw earth up to the plants, keeping the stalks well together. This earthing-up is continued at intervals, until only the leaves appear above the soil. When well blanched is ready for use. For Winter use it is usually placed in frames and covered with earth and litter or stored in cool cellars. Comparatively few soils are suited to Celery culture. Rich, mellow soils of a sandy nature are best, while soils that settle and become hard after rain are unsuitable. The seed, being very small, should be covered very lightly.

**Boston Market** (Grown in Arlington). *It is superior in quality to all other varieties, and is very popular with the market gardeners. It is unexcelled for its tender, crisp and succulent stems and its peculiarly mild flavor. Forms a cluster of heads instead of a large single one. To blanch, earth up about six weeks.*  
Pkt. 15c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.00.

**Easy Blanching** (New). Strong and stocky, with green foliage showing a slight tinge of yellow in the inner leaves. The stalks are very large and heavy; broad, solid, crisp, tender, and of a most excellent nut-like flavor. The creamy yellow hearts are exceptionally large and firm, and are of a most attractive appearance. It blanches very quickly and easily. This strain keeps much better in the trench than any other and will blanch readily in cold storage.  
Pkt. 15c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.00.

**Paris Golden** (Self-Blanching). *For beautiful appearance and extreme earliness this variety is unexcelled. Its compact growth and straight, vigorous, rich, golden yellow stocks are what make this Celery in such demand. It is self-blanching to a remarkable degree. In the vicinity of Boston it is the main early Celery raised by market gardeners. This seed is one year old and tested as to its purity.*  
Pkt. 15c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.00.

**PARIS GOLDEN.** American-grown seed.  
Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.

**Giant Pascal** *For the market gardener this is the most profitable Celery for Fall or Winter use. This is a green-leaved variety, developed from the Paris Golden; it is somewhat larger and taller and its fine nutty flavor is free from any bitter taste. It grows about two feet high, and the stalks are broad, thick and crisp, blanching with but slight earthing-up very quickly.*  
Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.75.

**WHITE PLUME.** In some sections of the country this variety is produced in large quantities. Is very attractive when ready for use. Plants are light yellowish green, tips of leaves almost white.  
Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.75.

**SOUP CELERY.** For flavoring.  
¼ lb. 20c., 1b. 60c.

**CELERY PLANTS.** See page 46.

### Celeriac or Turnip-Rooted Celery

*One ounce will sow a bed of nine square yards.*

**CULTURE.**—Sow in light rich soil early in Spring; transplant in May in beds and water freely. When plants are full grown earth up the bulbs to a height of four or five inches. In a month they will be blanched. The roots will be ready in October and are used in soups.

**Apple Shaped.** Of a very regular, almost spherical shape, with a fine neck and small leaves.  
Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.

**Large Smooth Prague.** An improved form of turnip-rooted Celery, producing large, smooth roots, which are almost round.  
Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.



# Mammoth Golden Dawn

## *A Wonderfully Fine New Yellow Sweet Corn*

In this new variety we have a yellow Sweet Corn of real merit that has proven an excellent sort for succession planting. Our prediction as to its popularity has come true, for it has made good. In fact, it has more than exceeded our hopes.

In habit of growth the plant resembles its parent, Golden Dawn, attaining about 5 feet in height. However, the stalks grow stronger than it or Golden Bantam, and usually bear two good eating ears apiece.

The ears are 9 to 10 inches long and are full of sweet, juicy kernels from butt to tip, with the delicious flavor of Golden Dawn. Each has 14 to 16 rows of fine-grained, tender golden kernels on a white cob, coming into prime eating condition at the same time as Crosby. Mammoth Golden Dawn satisfies the need of a large ear of the finest flavor for first early ripening.

The picture shows a typical ear. When dry the grains are firm and solid, permitting of as early planting as Golden Bantam. The color is a rich golden yellow.

Its habit of growth makes it especially desirable for the home garden where quantity, quality and productiveness are essential. Plant in succession from early to late, and enjoy its fine flavor during the whole season.

Pkt. 15c.,  $\frac{1}{2}$  lb. 30c., 1b. 50c., 6 lbs. \$2.00.

# Crosby Extra Early

## *The True Josiah Crosby Strain*

It is our good fortune to again offer seed of this splendid variety that we know to be grown from the original stock that Schlegel & Fottler sold so successfully for years.

Their stock was grown by Josiah Crosby himself and sold exclusively by them to their trade, including the Maine canners who prized it as the best to be had. It is still unequalled for this purpose.

What we now offer has all the good qualities of that original favorite which has continued to satisfy critical trade year after year.

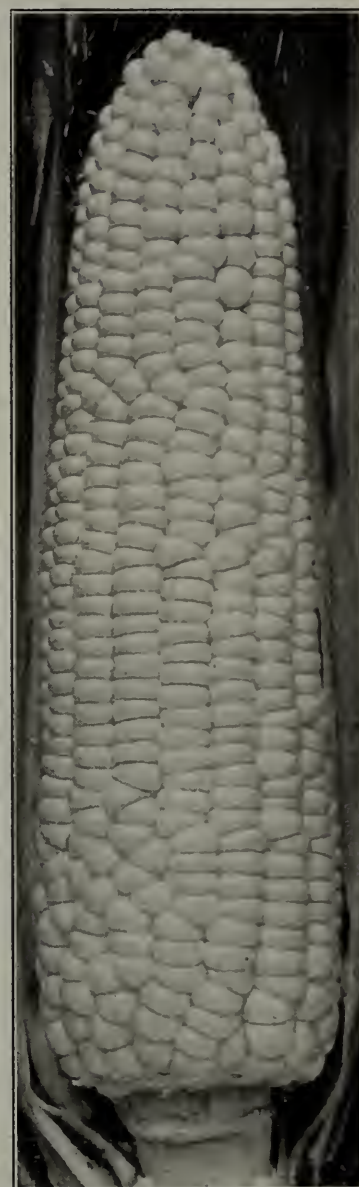
The plants are very dwarf, not growing over  $4\frac{1}{2}$  feet in height, and the ears are set very low. Being of this dwarf habit, the hills can be set closely together in the garden so that the yield per given space will average well in comparison with large-eared sorts. It comes into bearing immediately after the Red Cory, which it far surpasses in flavor and quality.

The ears are from  $5\frac{1}{2}$  to 7 inches in length, with 12 to 16 rows of short square grains that taper to the cob. The grains are very white, sweet and tender, and retain all their good qualities when canned.

We are confident that the many friends of former days will appreciate an opportunity to again grow Crosby's Extra Early with all its former quality. The stock is true to type and we are sure it will please.

Our stock of this fine strain is not large, so we are compelled to offer it in packets only.

Pkt. 25c.





# SWEET, or SUGAR CORN

*One pound will plant 200 hills; 10 pounds sufficient for one acre in hills.*

**By Parcel Post add Postage at Zone Rates**  
(See second cover page)

## Extra Early Varieties

### Aristocrat

One of the largest extra early varieties. Stalks grow from 4 to 6 feet high and ears are of large size. The grains are extremely sweet, and, being broad, allow of easy scoring with a knife preparatory to buttering when eating from the cob. Ripens with the Cory.

**Pkt. 10c., ½ lb. 20c., 1b. 30c., 6 lbs. \$1.60.**

### Crosby Extra Early or BOSTON MARKET.

(Josiah Crosby Strain.)

*Excels in quality the extra early varieties.* Ears are rather short, averaging from twelve to sixteen rows of rich, sugary flavor; very productive. One of the best for canning, and we believe without a rival in the extra early varieties.

**Pkts. only 25c.**

**CHAMPION EARLY.** Large, handsome, twelve-rowed ears of excellent flavor; ripens directly after the Early Crosby. **Pkt. 10c., ½ lb. 20c., 1b. 30c., 6 lbs. \$1.60.**



Sweet Corn, Granite State

## Bowker's Hill and Drill Phosphate

Makes an excellent fertilizer for Sweet Corn.

**50 lbs. \$2.25, 100 lbs. \$4.00, ¼ ton \$17.75.**

See also fertilizer pages 156-7 for other dependable kinds.

**CORY, RED COB.** One of the earliest and best extra early varieties. Ears are eight-rowed, medium size, with red cob. *The popular extra early variety for the market.*

**Pkt. 10c., ½ lb. 15c., 1b. 25c., 6 lbs. \$1.40.**

**CORY, WHITE COB.** Similar to the above with white kernels. One of the most popular varieties for first early crop. The 6- to 7-inch ears are well filled with 12 rows of pearly white, large grains. Our strain of this is extremely uniform in both size of ears and height of stalk; we select it that way. Stalks grow 4½ feet high, each generally bearing two large, finely shaped ears. The size and beauty of this variety give it ready sale even where the market is overstocked.

**Pkt. 10c., ½ lb. 15c., 1b. 25c., 6 lbs. \$1.40.**

**METROPOLITAN.** *Largest variety in the extra earlys.* This, combined with the excellent flavor, makes it one of the most profitable in the list. Large kernels, ten to twelve rows, ears from eight to ten inches long.

**Pkt. 10c., ½ lb. 15c., 1b. 25c., 6 lbs. \$1.40.**

**PEEP-O'DAY.** This is said to be ten days earlier than any other variety. Small stalks, very prolific, medium size ear.

**Pkt. 10c., ½ lb. 15c., 1b. 25c., 6 lbs. \$1.40.**

### Pocahontas

Similar to the White Cob Cory. The plant is of dwarf habit and very robust. The ears are of good size and are always well filled, having no gaps between the rows—a common fault of many early sorts. The flavor is excellent for so early a variety. While we recommend it primarily as a first early sort, it has been found to have great value for the latest crops, as it may be planted in this vicinity as late as July 15th, thus prolonging the season for Sweet Corn to its utmost length.

**Pkt. 10c., ½ lb. 20c., 1b. 30c., 6 lbs. \$1.60.**

**QUINCY MARKET.** Nearly as early as Cory, but larger and much sweeter; twelve-rowed. Of excellent quality; valuable for the family garden as well as for market. It is ready for the table a little in advance of Early Crosby, and is often sold in the markets as Crosby, a variety which in a green state it strongly resembles. A strictly reliable variety; a pleasure to recommend.

**Pkt. 10c., ½ lb. 20c., 1b. 30c., 6 lbs. \$1.60.**

## Medium Early Varieties

### Concord Bearsfoot

Of the medium early varieties this is one of the most popular for the market. Has a large ear, rather flattened at the end, of excellent quality.

**Pkt. 10c., ½ lb. 20c., 1b. 30c., 6 lbs. \$1.60.**

### Crosby Early

Ears are larger than the Josiah Crosby strain, the stock growing taller, ears longer and larger. *Best for all early markets.*

**Pkt. 10c., ½ lb. 20c., 1b. 30c., 6 lbs. \$1.50.**

### Golden Dawn

Ripens with the Early Crosby; grows about 5½ feet high; *very productive*, having two or three good ears on a stock. The ears are borne two to a stalk and are about six inches in length with eight rows of kernels on a cob. The golden kernels are lightly covered with a glossy skin, seemingly ready to burst. Stalks medium high and with heavy foliage. Quality is unequalled.

**Pkt. 10c., ½ lb. 20c., 1b. 30c., 6 lbs. \$1.50.**

### Potter's Excelsior

or **SQUANTUM.**

*The richest flavored* of all the medium early white Corns. Ears good size, twelve-rowed, deep kernels, remarkably sweet, sugary and tender. *A favorite with the market gardeners.*

**Pkt. 10c., ½ lb. 20c., 1b. 30c., 6 lbs. \$1.50.**



**Golden Bantam**

Is becoming each year more popular because of its *extremely early character, vigorous growth, and surpassingly delicious flavor*. Although the dry grain is entirely free from any flinty glaze, it is exceptionally hard and firm, hence can be planted *earlier* than any other *true Sweet Corn*. The stalks are dwarf and sturdy in habit, growing to a height of four feet; they bear two or three good, small ears of eight rows.

Pkt. 10c.,  $\frac{1}{2}$  lb. 20c., lb. 30c., 6 lbs. \$1.50, 12 lbs. \$2.75.

**Granite State**

Maturing just after the Extra Early Crosby, and before the Early Crosby. The ears are very large for early Sweet Corn and set well down on the stalk; generally produce two fine ears to a stalk and measure seven to nine inches in length, with twelve or fourteen rows of good-sized, pearly white grains. Ears are covered with a heavy husk which extends well out from the tip and affords good protection from green worms.

Pkt. 10c.,  $\frac{1}{2}$  lb. 20c., lb. 30c., 6 lbs. \$1.50, 12 lbs. \$2.75.

**BLACK MEXICAN.** Although the ripe Corn is black, when in a condition for the table it is white. Exceedingly sweet flavored; one of the best for home use.

Pkt. 10c.,  $\frac{1}{2}$  lb. 20c., lb. 30c., 6 lbs. \$1.60, 12 lbs. \$3.00.



Golden Bantam

**Corn for Popping**

Pkt. 10c.,  $\frac{1}{2}$  lb. 15c.,  
lb. 25c., 6 lbs. \$1.25,  
12 lbs. \$2.00.

**QUEEN'S GOLDEN.**  
Medium sized ears.  
Kernels yellow and pops  
perfectly white; quality  
excellent.

**WHITE RICE.** Ears  
short, kernels long,  
pointed white.

**RED BEAUTY.** Ears  
medium. Kernels round  
and red.

**CORN POPPERS.** See  
page 160. 40c. each.

**Late Varieties**

**WASHINGTON MARKET.** A large variety, delicious flavor; exceedingly popular in this market.

Pkt. 10c.,  $\frac{1}{2}$  lb. 20c., lb.  
30c., 6 lbs. \$1.50, 12  
lbs. \$2.75.



Potter's Excelsior

**Country Gentleman**

This popular variety has a small, white cob, densely covered with irregular rows of very long, slender, white "shoe-peg" grains of excellent quality. The ears are seven to nine inches long; stalks from six and one-half to seven feet high, many yielding three ears each. Fine for the home market or fancy local trade. Considered by many as the best flavored late Corn.

Pkt. 10c.,  $\frac{1}{2}$  lb. 20c., lb. 30c., 6 lbs. \$1.50, 12 lbs. \$2.75.

**Stowell's Evergreen**

The standard late crop variety of Sweet Corn. The stalks are strong and vigorous and grow seven to eight feet high and bear ears eight inches long, with sixteen or more rows of the finest sugary grains. A very productive sort with deep set white tender kernels. For the home garden, market grower or canning factory, it is always successful. We have specialized in this variety for many years, and feel that strain is the best that is possible to obtain. New England grown seed develops a larger percentage of sugar than seed grown in other sections of the United States.

Pkt. 10c.,  $\frac{1}{2}$  lb. 20c., lb. 30c., 6 lbs. \$1.50, 12 lbs. \$2.75.

**MAMMOTH SWEET.** Produces mammoth ears which are very thick through with rows of large, broad grains of excellent quality; follows Stowell's in maturing.

Pkt. 10c.,  $\frac{1}{2}$  lb. 20c., lb. 30c., 6 lbs. \$1.50, 12 lbs. \$2.75.

**EARLY MAMMOTH.** An excellent variety coming about ten days earlier than the Late Mammoth.

Pkt. 10c.,  $\frac{1}{2}$  lb. 20c., lb. 30c., 6 lbs. \$1.50, 12 lbs. \$2.75.





Cucumber, Improved White Spine

## CUCUMBER

One ounce will plant about 50 hills; one to two pounds to the acre.

**CULTURE.**—To obtain early Cucumbers plant the seeds about the first of May in frames, without much bottom heat, or small pots may be plunged into the soil in the frames, and a few seeds placed in each. In three or four weeks these may be transplanted into open ground. Hills 3 or 4 feet apart each way. When the plants are well started, thin out, leaving four of the strongest in each hill. Seeds may be planted in hills late in May, making the crop somewhat later. For pickles, plant during the last two weeks in June.

### Extra Early Varieties

**Early Frame.** Medium size, very early, excellent for pickles. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Early Green Clusters.** Very early, short pickling variety; bearing fruit in clusters near the root. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Early Russian.** The earliest Cucumber that we know of. Fruit usually set in pairs, and first blossoms usually produce fruits. Small, oval, pointed at each end and good quality. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

### Rawson's Hothouse

The finest strain of Cucumber for forcing and outdoor planting in existence. It is an improvement on Rawson's White Spine, the fruit being two inches longer and darker green in color. We have attained this result by years of selection, and feel confident that this strain cannot be equaled in this country. The great number of complimentary letters we have received warrant us in making the above claim, and we cannot recommend it too highly. Pkt. 25c.,  $\frac{1}{2}$  oz. 50c., oz. 90c., 4 oz. \$2.50, lb. \$8.00.

### Arlington White Spine

(For forcing). This variety is one of superior quality for forcing. Color is dark green, with very little of the white spine showing; it is extra long. Fruit grows very even in size and regular in form. Equally good for outdoor planting. Pkt. 15c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

### Davis Perfect Forcing

(For forcing). It is long and very dark green; shows the white spine only at the blossom end; grows remarkably uniform and is a very shy seeder. The average length is from ten to twelve inches. Desirable for outdoor growing. Pkt. 10c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Improved White Spine.** The market gardener's favorite for field culture. It is one of the best sorts for the table, on account of its color, which seldom changes to a yellow when kept after being picked. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Giant Pera.** Frequently grows twelve to eighteen inches long. Fruit very smooth, straight, dark green, with very few seeds; excellent flavor. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$1.75.

**Japanese Climbing.** Cucumbers are thick, exceedingly tender and of delicious flavor; flesh pure white, skin dark green, turning brown, and netted when ripened. Vine vigorous and throws out strong tendrils, which enable it to climb any support. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$1.75.

**Cumberland.** One of the newer varieties and a very rapid, vigorous grower and very prolific. Thickly set with very fine spines over the entire surface, except the extreme end. Firm, crisp and tender. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

### Pickling Varieties

**Boston Pickling** For pickling this variety is superior to all others. Its fruit is short, pointed at each end, bright green, uniform in size, very productive and of superior quality. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Improved Long Green, or Jersey Pickling.** The standard variety for pickling; dark green, productive, tender, crisp and of fine flavor; uniform in size. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Green Prolific.** Medium early; fruits short, pointed at each end, bright green, uniform in size, very productive and of superior quality. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**West Indian Gherkin, or Burr.** Used exclusively for pickling. The fruits are two to three inches in length; thick, rounded form, closely covered with spines. Vines rather slender with small foliage. It has no value for slicing. Seeds germinate very slowly. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

### English Frame Varieties

For growing in hotbeds.

**Lockie's Perfection.** Very popular for private use. medium length, smooth and of deep color. Pkt. 25c.

**Rochford's Market.** A grand Cucumber for market, its color being in its favor. Pkt. 25c.

**Telegraph.** Of the many strains of this Cucumber, we have not seen the equal of this; the best for market. Fruit 20 inches long. Pkt. 25c.



## Chives

Are used wherever the flavor of onions is required; grown entirely for tops and is perfectly hardy. No garden is complete without a few bunches.

**Seed.**

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.**  
**Roots. Per bunch 25c., 6 bunches \$1.50.**

## Chervil

*One ounce will sow about 100 feet of drill.*

**CULTURE.**—Sow in drills one foot apart in early Spring or Fall; covering seed about one-half inch. Thin out plants to four inches in row; leaves ready in six to eight weeks. Curled variety used like Parsley. Can also be sown in August or September; thin out to six inches in row and rows fifteen inches apart.

**Curled.** Largely used in soups and salads.

**Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

## Chicory

*One ounce will sow a bed of four square yards.*

**CULTURE.** Sow in Spring, in drills one-half inch deep, in good mellow soil.

**Large-Rooted, or Coffee.** Leaves blanched, are esteemed as an excellent salad.

**Pkt. 10c., oz. 30c., ¼ lb. \$1.00, 1 lb. \$3.00.**

**Whitloof, or French Endive.** Esteemed as a salad plant. Spring-sown seeds produce Parsnip-like roots by November. Cut the leaves off 1½ in. from neck, trench 1½ in. apart, cover with soil 8 in. over crown; then place a 2 or 3 ft. layer of fresh manure which induces new growth of blanched leaves folded like Cos Lettuce, which are eaten raw as salad.

**Pkt. 10c., oz. 40c., ¼ lb. \$1.25.**



## Cress, or Peppergrass

*One ounce will sow sixteen square feet.*

**CULTURE.**—Can be sown at any time in hotbed, coldframe or outside, according to the season. Cover seed about one-quarter inch and sow thickly. Sowing can be made every few days, as it has to be used young, as it runs to seed quickly.

**Extra Curled.** The most popular variety for market.

**Pkt. 10c., oz. 20c., ¼ lb. 35c., 1 lb. \$1.25.**

**Upland Cress.** It is a hardy perennial thriving on any soil. In early Spring it is first to make its appearance and grows rapidly. Ready for use weeks ahead of any other plant. The young and tender leaves can be eaten raw or in a salad.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., 1 lb. \$2.50.**

**Watercress.** Cultivated by sowing the seed by running water or near a spring which is not severely frozen through the Winter.

**Pkt 10c., oz. 75c., ¼ lb. \$2.50.**



Watercress

## Corn Salad, or Fetticus.

*One ounce will sow 20 feet square*

**CULTURE.**—Is generally sown in August or September. Sow quite thick about one-quarter inch deep, thin out and keep clear of weeds. Protect in Winter by thin covering of straw or meadow hay. Ready early in Spring; use same as Lettuce. For Summer use sow early in Spring.

**CORN SALAD** (Lamb's Lettuce). The well-known common variety.

**Pkt. 10c., oz. 25c., ¼ lb. \$2.50.**



Corn Salad

## Dandelion

*One ounce will sow 100 feet of drill. One and one-half to two pounds will sow one acre.*

**CULTURE.**—Sow as early as the season will allow, in good, well-manured ground in rows twelve inches apart. Cover seed quarter-inch deep and press down soil after sowing. Thin plants to three inches in row; by so doing the roots will be larger and time saved next Spring in gathering the crop.

**French Thick-Leaved.** While there are several varieties of Dandelion used for market purposes, the *French Thick-Leaved* is the most popular in this vicinity. It is a large-leaved variety of upright growth. Our stock has been carefully selected by growers who make a specialty of the Boston market.

**Pkt. 15c., ½ oz. 50c., oz. 75c., ¼ lb. \$2.50.**

## Egg Plant

*One ounce will produce about 1,000 plants.*

**CULTURE.**—Sow early in March in hotbed, transplant to four or six inches apart. Plant out in open ground about May 20, two feet apart in row and three feet between rows. Egg plants are very tender and will not stand frost.

## New York Improved.

*More largely grown for market than all other varieties.* Its color is deep purple, very large in size, fine quality and excellent keeper.

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

Plants of this standard spineless variety ready May 15th. Pot grown are most satisfactory.

**Doz. \$1.25, 100 \$9.00.**

**Black Beauty.** Is from ten to twelve days earlier than the New York; fruits broad, thick.

**Pkt. 15c., ½ oz. 45c., oz. 85c., ¼ lb. \$3.00.**

**Early Long Purple.** A very popular variety for market, especially in the northern section.

**Pkt. 15c., ½ oz. 45c., oz. 85c., ¼ lb. \$3.00.**

## Witloof Chicory, or French Endive

When properly grown it will furnish a delicious salad all Winter. Try it.





Kohl-Rabi

be cut off slanting so as to prevent decay from water resting on top. Roots ready to pull in October. Small roots, ready for planting. **Doz.** 25c., 100 \$1.50, 1000 \$12.00.

## Kale

Sow four pounds to the acre; one ounce will sow 150 feet of drill.

**CULTURE.**—For Spring use sow in September and protect during Winter with covering of straw. For Fall use sow in May or June, cover seed one-half inch deep. Transplant in rows three feet apart and two feet apart in row. Kale is improved by a little frost, giving it a more delicate flavor.

**Dwarf Curled Scotch.** *Extra fine curled, bright green leaves, tender and fine flavor. Is very hardy and, like Savoy, is improved by moderate frost.*

**Pkt. 10c., oz. 25c., ¼ lb. 75c.**

**Siberian,** or **German Greens** (Sprouts). A very hardy variety. Popular with the market gardeners, very fine curled. Should be sown in September in rows one foot apart for Spring greens. **Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

**Tall Curled Scotch.** Leaves are bright green, exceedingly fine, curled, tender and fine flavor, very hardy. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

**Spring, or Large Seeded.** Curled dark green leaves. Should be sown as early as the ground can be worked in the Spring. Rows eighteen inches apart. **Pkt. 5c., oz. 15c., ¼ lb. 25c.**

## Kohl-Rabi

One ounce will sow a drill 200 feet long.

**CULTURE.**—For early use sow in March or April in hotbed, or in open ground in May. Cover seed one-quarter inch deep; transplant into rows two feet apart and plants from ten to twelve inches apart in rows.

**Early Purple Vienna.** Above ground, fine early sort; excellent table variety. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

**Early White Vienna.** Above ground, similar to preceding, except in color. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

## Leek

One ounce will sow 100 feet of drill.

**CULTURE.**—For best results sow as early as the ground can be worked in Spring, in rows one foot apart. Cover seed about one inch deep; transplant when plants are about six inches high in rows six inches apart; plant as deep as possible that the neck being covered may be blanched. Ground should be made very rich.

**Monstrous Carentan.** Is of fine quality and much larger than any other variety.

**Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.50.**

**American Flag.** Strong, vigorous growth, excellent for the market gardener. **Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.50.**

**Large Rouen.** One of the best for forcing. Leaves are dark green, very broad and thick; remains a long time in good condition. **Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.50.**

## Endive

One ounce will sow 150 feet of drill.

**CULTURE.**—Sow in May for early use about one-quarter inch deep in rows ten to twelve inches apart; thin out plants to eight inches in row. Before using, plants require to be blanched, which is done by gathering the outer leaves to a point and tying with soft twine or raffia. For late use sow up to last of June.

**Broad-Leaved Batavian,** or **Escarolle.** The most popular variety for the market. This is the Chicoree Escarolle used chiefly in salads. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

**Giant Fringed.** Broad leaves with a large, white heart; an exceedingly strong grower. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

**Green Curled.** Beautiful growth of dark green leaves, tender and crisp. Hardest of all. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

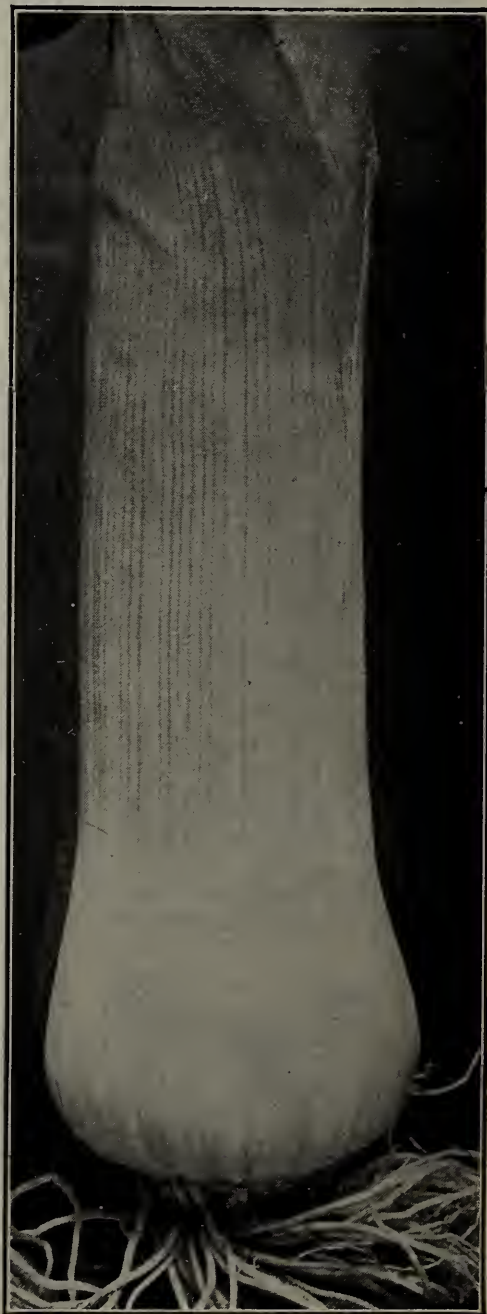
**White Curled.** Resembles the green except the color. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

## Fennel

**Florence, or Naples.** Resembles Celery in flavor, but has a sweet taste and delicate odor. Should be sown in Spring in drills 18 inches apart and the plants should be thinned to 5 or 6 inches apart. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

## Horse Radish

Plant the sets in May, small end down, with top one inch below the surface, in rich, well-cultivated soil. Before planting set should



Leek, Monstrous Carentan



# LETTUCE

One ounce for 100 square feet or 120 feet of drill.

**CULTURE.**—For Winter use sow in greenhouse or hotbed and cover seed very lightly. Transplant first to three inches apart and then to eight inches. For outside use sow in rows, covering seed one-quarter inch, the rows eighteen inches apart, then thin out plants to eight inches in row.

**LETTUCE PLANTS.** See page 46.

## Forcing Varieties.

**Arlington White Seed** For sowing in hotbeds and heading with sash off in the Spring, also for early transplanting in the field.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  
 $\frac{1}{4}$  lb. \$1.75, lb. \$6.00.

**Hothouse Lettuce** This is especially adapted for growing in the greenhouse or hotbed. Has a very large head and not liable to rot in the heart, making it a most valuable sort for the market gardener. A favorite in the Boston and New York markets. The largest plain leaf Lettuce.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  
 $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.



## Outdoor Growing for General Crop

**Tennis Ball, Black Seed** A favorite with the market gardener. Heads are well formed, hardy and crisp. Excellent flavor and one of the earliest heading varieties; almost unexcelled; used by market gardeners in this vicinity.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00.

**BIG BOSTON.** Large heading variety, plain leaf, very hardy. Edges of leaves have brownish tinge.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**May King** A recent variety of great value on account of its extreme earliness, large size and tenderness. Will head with heat as well as out of doors, though attains a better size with open air culture. Has a globular-shaped head of enormous size, hard and well closed.

Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Salamander** For a Summer variety this is one of the best good sized heads, and stands drought and heat with little injury.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.



Lettuce Big Boston

**Hittinger's Belmont** An excellent forcing variety, dark green leaves and almost a sure header. One of the largest plain leaf heading varieties.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  
 $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Hittinger's Belmont** (Special Private Strain.) Grown by one of the leading market gardeners in this vicinity from his private stock; we have only a limited supply.

Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

**GRAND RAPIDS.** As a Lettuce for forcing this variety stands at the head of the list, being of quick growth, hardy, and remaining in condition several days after being fit to cut. The plant is upright and forms a loose cluster of large, thin, bright green leaves, savoyed, finely crimped at edges.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.





## Mammoth Black-Seeded Butter

The largest and by many considered the best variety for the late crop. Sown from middle of July to middle of August, and produces enormous, finely formed heads of the finest quality.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**HANSON.** An excellent plain leaf with large, solid heads; fine flavor, tender and crisp.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**BROWN HEAD.** More generally sown in Autumn and very hardy. Heads of medium size, edge of leaves a reddish brown.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**CALIFORNIA CREAM BUTTER.** Heads are round, solid and good sized.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**DEACON.** Leaves light green with large, solid heads, very tender and crisp.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**MIGNONETTE.** A very small-headed Lettuce, perfectly hardy and solid. One of the finest for the home garden.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c.

**SIMPSON, BLACK SEED.** Heads are large; plain leaves light in color.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c.

**WONDERFUL.** One of the large varieties; very crisp and tender.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c.

## Romaine, or Cos Lettuce

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 75c.

**BATH COS.** Very large; tall growing and fine flavor. Blanching easily.

**Paris White Cos** Similar to the Bath Cos, only light colored leaves.

**TRIANON.** A self-bleaching Cos Lettuce of excellent flavor. Very tender and crisp.



Lettuce, White Cos

## Lettuce. Curled Varieties

**Boston Curled** A superior strain. Of great beauty and fine quality. The handsome, frilled leaves make it a decidedly ornamental variety. The best of the Curled Lettuces.

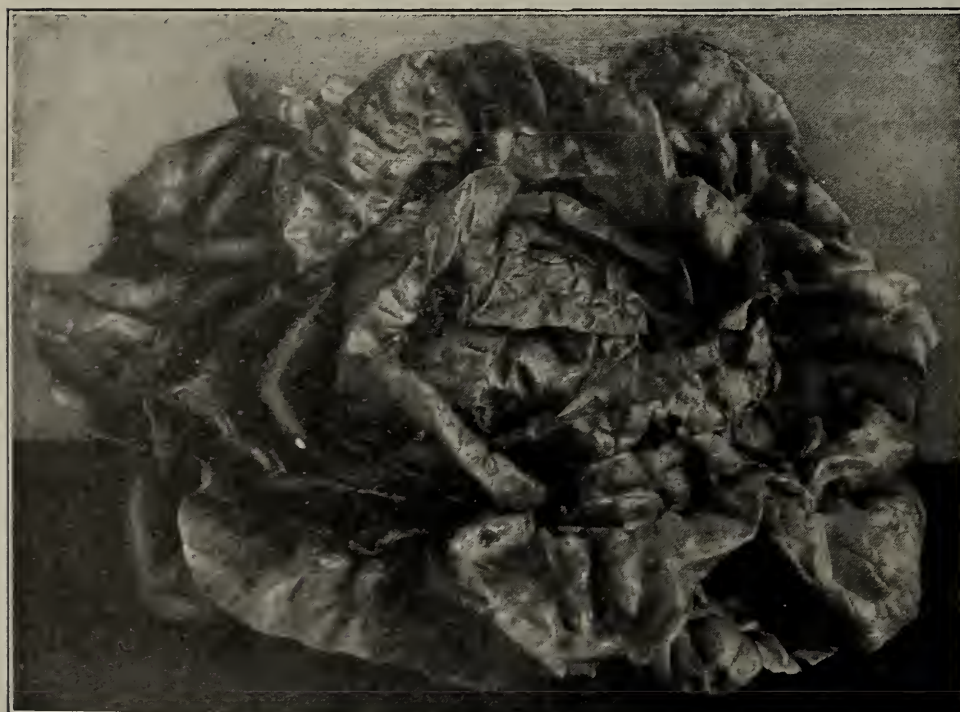
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**SIMPSON, EARLY CURLED.** One of our earliest curled varieties. Loose heads and very tender.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**TOMHANNOCK.** The upright growing leaves with edges tinged brown make it very attractive. Is crisp and tender.

Pkt. 10c., oz. 20c.,  
 $\frac{1}{4}$  lb. 60c.



Lettuce, Black Seeded Tennis Ball



Martynia Proboscidea

## Martynia

One ounce will plant about 150 hills.

**CULTURE.**—Sow in hotbed in March for early use; for outside use sow in April or May, cover seed about three-quarter inch; plants require a space of three feet each way as they are of a branching nature. Pods used for pickling.

**PROBOSCIDEA.**

Pkt. 10c., oz. 35c,  
 $\frac{1}{4}$  lb. \$1.25.



## Musk Melon

Plant two or three pounds for one acre. One ounce for 50 hills.

**CULTURE.**—Do not plant until all danger from frost is over, in hills six feet apart each way. Put a dozen seeds in a hill, and when danger from bugs is over thin to three or four plants. Pinch main stems, which will strengthen the vine, and the fruit will core earlier. Use Slug Shot or Bug Death to kill bugs.

### Green-Fleshed Varieties

**Arlington Green Nutmeg.** A great favorite with the market gardeners. This is our own strain of this superb variety and produces the finest melons for either market or table. Fruit very large and round, with greenish flesh of the most delicious flavor. Skin dark green becoming yellow when overripe.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

**Hackensack, Extra Early.** Very early. Fruit is large and flattened. Ribs large and of irregular width, densely covered with coarse netting. Green flesh, thick, and excellent flavor. Always in demand in this market.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**HONEY DEW.** The rind is a dull white when ripe. Part of the melon shows slight checks in the rind like a tendency to net. This appears when the melon is ready to pick. This melon is 6-7 inches through and about 8 inches long.

Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Jenny Lind.** Green flesh, extra early and one of the sweetest in cultivation. Medium size.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

**Long Island Beauty.** Very similar to the Hackensack. Ripens early; fruits are large, heavily ribbed and netted. Excellent quality.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

**Netted Gem.** Nearly round, skin green, ribbed and netted. Flesh light green. Excellent flavor, early and prolific.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

**ROCKY FORD.** The most popular market variety. An improvement on the netted Gem varieties; more oblong, skin is light green and netted. Flesh is green, excellent flavor; unsurpassed for shipping.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Melon Nets.** For supporting melons in greenhouses. Doz. \$2.50.



Honey Dew

**Montreal Market Improved.** One of the largest Melons grown. Fruit is nearly round, deeply and very irregularly ribbed. Skin green and densely netted; flesh remarkably thick and light green and of delicious flavor. The best melon for exhibition purposes and home use.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

### Red, or Salmon-Fleshed

**Banana.** So called on account of its shape; salmon colored flesh.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**BURRELL'S GEM.** Grows uniform in size and weight; flesh golden and very thick, fine grained, excellent quality.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Christiana Improved.** Flesh is very thick, dark, rich yellow and fine flavor.

Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.50.

**EMERALD GEM.** It is of a rich, delicious flavor and fine quality. Very early and prolific; skin is striped deep emerald green with a few light colored stripes. Flesh is very thick and salmon color. Exceedingly popular variety for market gardener or home use.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Fordhook (Burpee).** Small; very early, of vigorous growth and surpassingly sweet.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Long Yellow.** Flesh salmon color, good sized, netted and slightly ribbed.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**MILLER'S CREAM.** Skin dark green color, slightly netted. Flesh salmon color, sweet and delicious flavor. A remarkable keeper. One of the best salmon fleshed Melons for shipping.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Petoskey, or Paul Rose.** Nearly oval, slightly ribbed, netted; flesh thick and orange color.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Surprise.** Very early, oblong, cream color skin, flesh salmon color.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

### Forcing Melons

The following varieties are grown extensively in England and are becoming more popular each year in this country. The seed we offer has been selected with great care from specially selected fruits grown in this country, and personally knowing the grower we can recommend this seed.

**WINDSOR CASTLE.** Green-fleshed. Pkt. 50c.

**BLENHEIM ORANGE.** Pkt. 50c.

**ROYAL SOVEREIGN.** Flesh white. Pkt. 50c.



Miller's Cream



## Water Melon

*One ounce will plant about 30 hills; four pounds to the acre. Culture same as Musk Melon.*

**COLE'S EARLY.** An extra early variety; almost sure to ripen in this vicinity. Oval in shape and flesh excellent flavor.

**Pkt. 10c., oz. 15c., ¼ lb. 40c.**

**Dixie.** Fruit is large and oblong in form, from 22 inches to 2 feet in length; skin dark green striped with a lighter shade. Flesh bright scarlet; ripens closely to the rind. Excellent keeping qualities.

**Pkt. 10c., oz. 15c., ¼ lb. 40c.**

**FORDHOOK EARLY.** One of the earliest large-fruited Melons. These fruits are of good size, short and blocky in form and of large diameter. Skin dark green, occasionally with faint stripes of lighter green; flesh bright red; crisp, sweet; skin is tough, and rind quite thin, making a fine sort for shipping. Excellent quality.

**Pkt. 10c., oz. 15c., ¼ lb. 40c.**

**Florida Favorite.** A large, oblong, dark green skin striped with a deeper green. Flesh deep red, of excellent flavor.

**Pkt. 10c., oz. 15c., ¼ lb. 40c.**

**HUNGARIAN HONEY.** A large, round, early Melon of delicious flavor; very dark red flesh.

**Pkt. 10c., oz. 15c., ¼ lb. 40c.**

**Ice Cream (Peerless).** Pale green, medium size, nearly round; flesh solid, deep pink, good flavor.

**Pkt. 10c., oz. 15c., ¼ lb. 40c.**

**Kentucky Wonder.** Oblong, skin striped, flesh scarlet. Crisp, rich sugary flavor.

**Pkt. 10c., oz. 15c., ¼ lb. 40c.**

**Kolb's Gem, or American Champion.** A fine sort for shipping. They are large, of a thick oval blocky form, skin of light and dark green stripes; bright red flesh, but a little coarse grained; excellent flavor.

**Pkt. 10c., oz. 15c., ¼ lb. 40c.**



**MOUNTAIN SWEET.** For general use, one of the best. Color dark green; thin rind; flesh scarlet, solid and of excellent flavor.

**Pkt. 10c., oz. 15c., ¼ lb. 40c.**

**PHINNEY'S EARLY.** This is one of the earliest varieties. Vines vigorous and productive. Melons medium size, oblong, smooth and marbled with two shades of green. Foliage is thick. Very sweet and tender.

**Pkt. 10c., oz. 15c., ¼ lb. 40c.**

**Citron.** For preserving. Striped with light green; flesh white, red seeds.

**Pkt. 10c., oz. 15c., ¼ lb. 40c.**

**Colorado Preserving.** A large-fruited strain of Citron, used for preserving. Very productive; flesh firm, solid and white; seeds olive green.

**Pkt. 10c., oz. 15c., ¼ lb. 40c.**

## Mushroom Spawn

*Ten bricks will spawn  
ten feet square.*

**Lambert's Pure Culture Spawn.** Produced under the new, selective method, is received absolutely fresh at frequent intervals from the manufacturer. This spawn will produce mushrooms, of a specific variety, selected with special reference to their size, color and prolificness, to the exclusion of other and inferior fungi. It absolutely eliminates all danger of raising poisonous mushrooms. We keep on hand the cream white, brown and pure white varieties. Each brick weighs from 1¼ to 1⅓ lbs., and will spawn ten square feet of beds. Standard bricks are inoculated from a pure culture transfer.

**Per Standard brick 30c., postpaid 35c., 5 bricks by express \$1.50, 10 bricks \$2.50.**

## Mustard

*Sow one ounce to  
80 feet of drill.*

**CULTURE.**—For early use sow in hotbed in March, and for general use at intervals, during the Summer, in rows six inches apart and thick in row. Cut when not over two inches high.

**Chinese.** Leaves twice the size of the ordinary white mustard, of a deeper green. Flavor pleasantly sweet and pungent, and preferable as salad.

**Pkt. 10c., oz. 25c., ¼ lb. 75c.**

**Black, or Brown.** For culinary use.

**Pkt. 5c., oz. 15c., ¼ lb. 40c.**

**White, or Yellow.** For salads or medicinal purposes.

**Pkt. 5c., oz. 15c., ¼ lb. 40c.**

## Okra

*One ounce will  
plant 100 hills.*

**CULTURE.**—Sow about the middle of May when the ground is warm, in hills about three feet apart; cover seed one-half inch and thin plants to three in a hill. Keep ground well hoed and earth up around the plants to support them. Gather pods while young and tender. Excellent for soups and stews, etc., to which they impart a rich flavor.

**Improved Long Green.** Long, slender pods, very productive, and only 14 inches high.

**Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.**

**White Velvet.** Smooth and of a velvety appearance. Tender and of good flavor.

**Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.**

**Perkins' Mammoth.** The pods shoot out from the stalk within three inches from the ground and the entire plant seems to be covered with pods of intense green color and unusual length and does not get hard quickly.

**Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.**



Okra





## ONION

*An ounce will sow 100 feet of drill. Four to five pounds to the acre.*



**CULTURE.**—Select a clean, rich piece of land upon which Onions were grown the previous year, if possible. Scatter broadcast a heavy dressing of well rotted manure, and plough six or seven inches deep as early in the Spring as the ground can be worked; harrow and rake down to a fine even surface. Sow about four pounds of seed per acre, in drills a foot apart, and a quarter of an inch deep. If a seed-drill is used it should be provided with a good roller to press the earth firmly upon the seed, particularly if the soil is very dry. Sow as early as possible. A few days' delay often makes a marked difference in the crop. Unless the plants stand very thick together, they need not be thinned out much, if any, as Onions will crowd each other and find room to grow. **Never allow the weeds to get ahead of the young plants.** The weeds must receive early attention. Use a scuffle or wheel-hoe between the rows and pull out the weeds not reached by the hoe. When the tops are all down, and the Onions well formed, they may be pulled, and left on the ground for a fortnight or longer to dry (unless the weather be unfavorable), turning them occasionally with a wooden rake.



### **Danvers Yellow Globe.**

*This is the most popular of all the yellow Onions for market and home use.*

Uniform in shape, heaviest cropper and best keeper. This strain of seed has been grown many years in this vicinity, and is practically the only yellow Onion for the market gardeners here. It is the true Buxton type; is large in size, early, an abundant cropper, very thick bulb, flat or slightly convex bottom, full, oval top, small neck, rich brownish yellow skin. The tops at maturity entirely disappear, leaving the bulbs clean and solid. Our stock is the original true type, with its extremely fine keeping qualities and is probably not excelled by any other variety grown.

**Special.** This seed offered is grown within twenty miles of Boston and the very highest quality. Bulbs selected by a market gardener of long experience.

**Pkt. 15c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50, lb. \$5.00.**

**DANVERS YELLOW GLOBE.** A selected stock of New England grown seed, under the supervision of a grower of long experience.

**Pkt. 10c., ½ oz. 20c., oz. 30c., ¼ lb. \$1.00, lb. \$3.50.**

### **Yellow Prizetaker.**

Excellent keeper, enormous size. Usually a rich straw color, averaging from twelve to fourteen inches in circumference. It is the large yellow Onion

that is offered for sale at our fruit stores and large stores in the Fall. They ripen up hard and fine; flesh is pure white, fine grained, mild, delicate flavor; excellent for Fall or early Winter use. In order to produce the largest and best Onion the seed should be sown in a hotbed early in the Spring, and transplanted when of sufficient size. They will prove valuable for those who grow them for exhibition purposes, as they are most attractive and showy.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.25, lb. \$4.00.**





Onions: Southport Red-Yellow-White Globe

**Ailsa Craig** The largest Onion grown. This is an English variety and is quite popular with the English gardeners. It resembles the American variety of Prizetaker but will grow much larger and more globular in form. The skin is an attractive straw color; flesh is mild; will keep remarkably well for such a large bulb.

**YELLOW CRACKER, EARLY.** A very popular variety in Rhode Island markets. Is extra early.

### The Three Southports

**WHITE GLOBE SOUTHPORT.** A large globe-shaped Onion. A popular market variety; an enormous yielder and good keeper. The flesh is fine grained; crisp, snowy white in color and particularly mild flavor. When ripe enough to harvest the bulbs should be stored in a cool, dark shed or loft.

**YELLOW GLOBE SOUTHPORT.** The flavor is mild, and skin is a pale straw yellow color, making a handsome appearance, which usually gives them ready sale in the market.

**RED GLOBE SOUTHPORT.** Flesh fine grain, mild and tender. When matured, these Onions usually measure  $2\frac{1}{2}$  to 3 inches in diameter; of a handsome, rich red color and uniform size. They form a hard, solid ball, and are an excellent keeper.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.  
Pkt. 10c.,  $\frac{1}{2}$  oz. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.



A field of our New England Grown Red Wethersfield Onion. We consider this a Superior Strain





Onion, White Portugal or Silver Skin

**Red Wethersfield** *Large. The largest, heaviest yielder and best keeper of all Red Onions.* This is the standard red variety, large size. Skin deep purplish red. Smooth and glossy, flesh white, lightly tinged with pinkish rose. The large solid Onions keep well for late Winter markets. **Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25, lb. \$4.50.**

**RED ITALIAN TRIPOLI.** Large, flat Onion, mild flavor, producing very large bulbs. **Pkt. 15c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50, lb. \$5.00.**

**RED FLAT, EXTRA EARLY.** Usually comes about two weeks earlier than the Large Red Wethersfield; of medium size and an abundant producer. Uniform in shape. **Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25, lb. \$4.50.**

**WHITE ADRIATIC BARLETTA.** A large, pure white Onion. This is the earliest; especially adapted for pickling and table use; of rapid growth. **Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25, lb. \$4.50.**



Small White Onion Sets

**White Portugal** or **SILVER SKIN.** *Largely grown by market gardeners.*

Very desirable for family use. Mild flavor, skin silvery white, of handsome appearance. **Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50, lb. \$5.00.**

**WHITE QUEEN.** A silver skin variety of quick growth, very early. If sown thickly, valuable for pickles. **Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50, lb. \$5.00.**

**WHITE ITALIAN TRIPOLI.** A large, pure white, flat Onion of mild flavor. **Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50, lb. \$5.00.**



Onion, Red Wethersfield

## Onion Sets

*Special quotations in bushel lots. Market price.*

**CULTURE**—Plant as early in the Spring as possible to obtain early green Onions. Set in rows a foot apart and one or two inches between them in the row. Those not used in a green condition will ripen early in July. Potato and Top Onions are grown from bulbs only. These clusters are separated and kept for seed.

**WHITE ONION SETS.** For setting in early Spring to produce the first early white Onions; largely used by market gardeners for bunching.

½ lb. 20c., lb. 30c., 4 lbs. \$1.00, 8 lbs. \$1.50.

**YELLOW ONION SETS.** These, like the white and red, are for early setting in Spring in place of sowing the seed, producing a large Onion much earlier than can be done by the seed.

½ lb. 20c., lb. 30c., 4 lbs. \$1.00, 8 lbs. \$1.50.

**EGYPTIAN, or PERENNIAL TREE ONION.** The young sets grow on the top of the stalks like tree Onions. Should be planted in August or September for early Spring use. They are perfectly hardy. Delivery in August.

½ lb. 20c., lb. 30c., 4 lbs. \$1.00, 8 lbs. \$1.50.

**POTATO ONIONS, YELLOW.** From the parent bulb many small bulbs are produced in clusters. Used for early Onions.

½ lb. 20c., lb. 30c., 4 lbs. \$1.25, 8 lbs. \$2.00.

**SHALLOTS.** For early planting.

½ lb. 20c., lb. 30c., 4 lbs. \$1.00, 8 lbs. \$1.50



## Parsley

*One ounce will sow 100 feet of drill.*

**CULTURE.**—Make the rows 12 to 14 inches apart. Thin to three or four inches apart, or transplant at this distance. Can be sown in hotbeds in February, or later in open ground. Late in Autumn place frames over some of the plants to lengthen out the season for cutting.

### Champion Moss Curled

Leaves are of exceedingly dark green color, very finely curled, making it most attractive for garnishing, while the plant is very attractive for border.

**Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.**

### Double Curled

Very robust, free growth. Leaves are large, very dark green and beautifully curled; exceedingly large yielder. Stands heat and cold better than most varieties.

**Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.**

**Hamburg, or Rooted.** A rooted variety, of which the roots are the portion used; good in flavoring soups and stews.

**Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.**

**Fern Leaf.** This is most exquisite in form and color. Unsurpassed as a garnishing plant.

**Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.**

**Plain Leaf.** Leaves are longer and darker green than the curled varieties; very hardy. Excellent for seasoning. **Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.**

## Parsnip

*One ounce will sow 100 feet of drill.*

**CULTURE.**—Sow in Spring as soon as the weather will permit, in rows eighteen inches apart. Cover seed one-half inch deep; thin out to five inches apart in row when plants are large enough. A little frost improves the flavor. Take up what is wanted for Winter, leaving the rest in the ground for Spring.

### Arlington Long Smooth

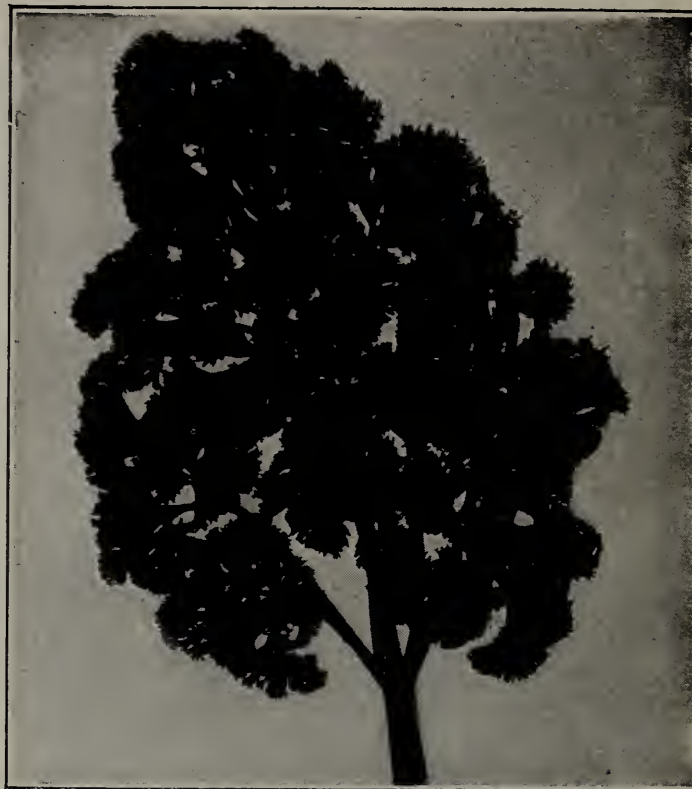
(Private Stock.)

For deep soil and keeping in ground over Winter this is the best variety; large yielder. Roots are very long, exceptionally smooth with a full crown, so that it keeps in the ground over Winter if necessary. *Unsurpassed for market and exhibition purposes.* This is especially selected for the full round crown and runs absolutely true from the seed of this private stock.

**Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.**

### SHORT ROUND FRENCH.

A round, early variety. **Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c.**



Parsley, Champion Moss Curled

### Improved Guernsey

An improved curled variety, hollow crown

type. It is a very heavy cropper, roots smooth, flesh fine grain and excellent quality.

**Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.25.**

### Long Smooth

Very similar to above; extra long and white, with full crown.

An excellent keeper.

**Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.25.**

**IMPROVED HOLLOW CROWN.** Roots medium length with a small tap root. Very smooth, clear skin.

**Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.25.**



Parsnip, Hollow Crown



## PEAS

2 lbs. will plant 100 feet of drill; about 100 lbs. per acre.

By Parcel Post, add postage at zone rates (see second cover page.)

INOCULATE PEAS with  
MULFORD CULTURE

Varieties marked \* vines grow from 15 to 20 inches high and need no support.

Varieties marked † may be grown successfully without supports. Larger crops will be produced if supports are used.

Varieties marked ‡ should have support of some kind to secure best success.

### Extra Early Varieties

†**ALASKA.** One of the earliest varieties grown. Very popular with canners and market gardeners as a first early. The dry seed being smooth, it can be planted either in the Fall or extra early in the Spring, for this type will not rot as quickly as the wrinkled sorts. The vines grow from twenty to thirty inches in height, bearing well-filled, medium-sized pods. The dry seed has a bluish color.

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7 lbs. \$2.00, 14 lbs. \$3.95.

\***AMERICAN WONDER.** On the points of flavor and quality this Pea stands at the head of the list. Very dwarf and robust habit and grows ten to fifteen inches high. Pods well filled; dry peas medium size and wrinkled.

Pkt. 25c., lb. 50c., 2 lbs. 90c., 7 lbs. \$3.00, 14 lbs. \$5.75.

†**CLAUDIT.** An extra early of merit. Pods are very large and dark green; Peas slightly wrinkled and of excellent quality.

Pkt. 20c., lb. 35c., 2 lbs. 60c., 7 lbs. \$2.00, 14 lbs. \$3.95.

†**Clipper** The first Peas to arrive in Boston Market for over twenty years. Vines usually about thirty inches high and well covered with pods. Peas medium size, excellent flavor, smooth and bluish color.

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7 lbs. \$2.00, 14 lbs. \$3.95.

†**Gradus** or **Prosperity.** The most popular of the long, large podded, wrinkled sorts. Matures only a few days later than the extra early smooth Peas. Vines grow 2½ to 3 feet high and bear pointed pods nearly as large as Telephone. The quality is of the best and the flavor unsurpassed. Always a favorite for the home garden or for the market.

Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.15, 14 lbs. \$6.00.

\***Laxtonian** A large podded, dwarf variety on the order of Gradus, though more dwarf and a little earlier. Vines are vigorous, growing about eighteen inches high, well covered with large pointed pods averaging eight to nine to a vine and nine to ten Peas in a pod. Quality of the best.

Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.15, 14 lbs. \$6.00.

\***LITTLE MARVEL.** An extra fine dwarf sort. Grows about eighteen inches in height and bears blunt pods somewhat larger than Nott's Excelsior, averaging 3 inches in length, with six or seven large deep green Peas of excellent flavor.

Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.15, 14 lbs. \$6.00.

†**Marchioness** Might well be termed an "extra-early Gradus." Vine and foliage moderately heavy and medium green in color; pods a shade darker, 3½ inches long, semi-round, straight and pointed, containing seven medium dark green Peas; quality and productiveness equal to Gradus.

Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.15, 14 lbs. \$6.00.

\***Nott's Excelsior** This is one of the most popular extra early wrinkled varieties, especially with the market gardener. Vines are dwarf and vigorous. Pods contain from six to eight large Peas, packed very closely together in the pod, making them more square than round. Pods average about 3 inches in length. Of superior quality.

Pkt. 25c., lb. 60c., 2 lbs. 90c., 7 lbs. \$3.00, 14 lbs. \$5.75.

†**PEDIGREE, EXTRA EARLY.** Of the strains of extra earlys we have tried, this is the purest ever offered to the trade. The vines are strong and vigorous, bearing pods of good length and well filled; exceptionally uniform.

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7 lbs. \$2.00, 14 lbs. \$3.95.



Peas, Sutton's Excelsior

\***Sutton's Excelsior** This variety is an excellent dwarf sort for home garden.

It is earlier, pods and Peas larger and vines growing about the same height, and a much larger yield than Nott's Excelsior. This variety has stood the test for the last five years as a profitable Pea for the market gardener.

Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.15, 14 lbs. \$6.00.

†**Thomas Laxton** The only rival of the famous Gradus. Extremely early, wrinkled Pea, long pod. In some respects we consider it better than the Gradus; pods are of a deep rich green. Peas very sweet; deep green.

Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.15, 14 lbs. \$6.00.

†**WORLD'S RECORD.** A valuable, early, large podded Pea of the Gradus type of the best quality. Pods very long, dark green and well filled. Height 3 feet.

Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.15, 14 lbs. \$6.00.



PEAS—Continued

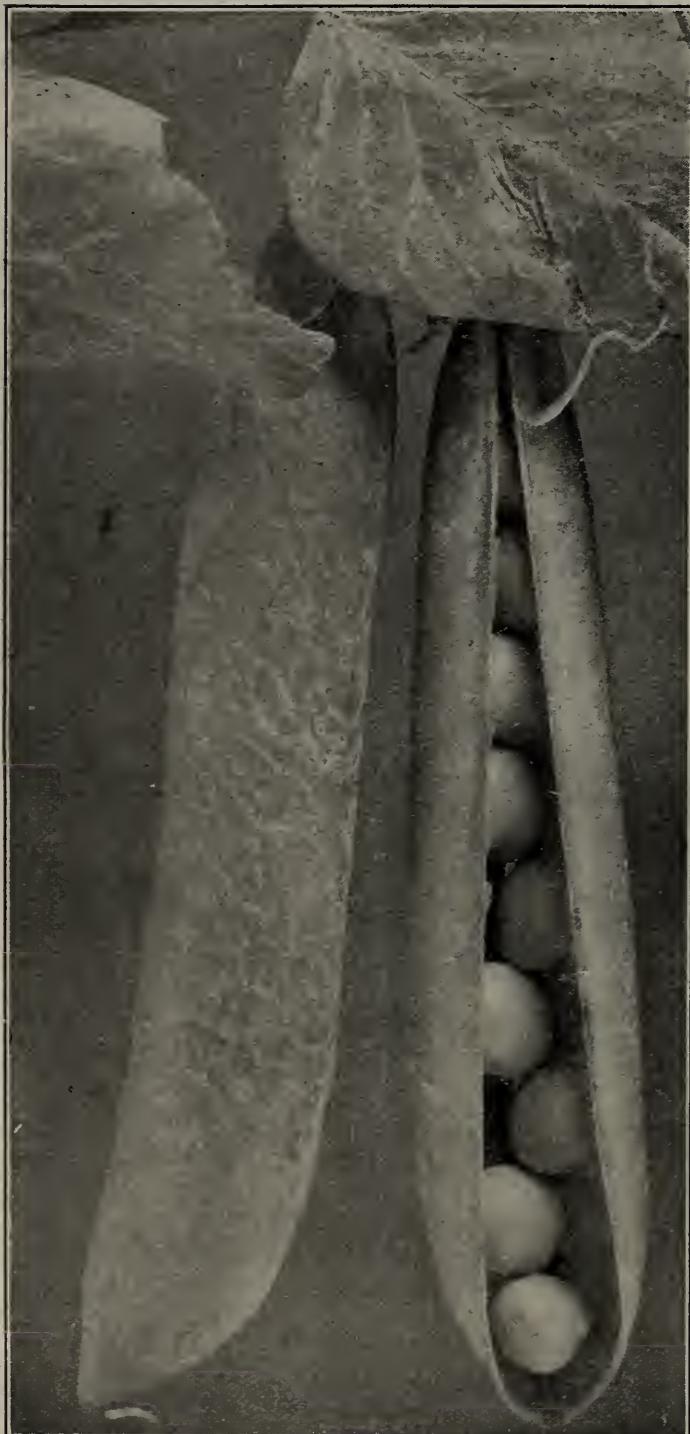
## New Extra Early Varieties of Merit

†**Pilot** A popular, large-podded, extra early, smooth Pea. Seed large, light to dark green in color. A splendid market gardener's first early sort. Height 3 feet. Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.15, 14 lbs. \$6.00.

\***Pioneer** A giant podded dwarf Pea of the Laxtonian type, ripening about the same time as Gradus. The Peas are large and of superb flavor. Height 18 inches. One of the best for market or home gardens. Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.15, 14 lbs. \$6.00.

See preceding page for the balance of Extra Early sorts.

For Mulford Cultures see page 164.



Peas, Alderman

## Second Early and Late Varieties

†**ADMIRAL DEWEY.** A vigorous growing late sort, wrinkled, with large pods, fine flavor and good cropper. Pkt. 25c., lb. 50c., 2 lbs. 90c., 7 lbs. \$3.00, 14 lbs. \$5.75.

†**Alderman** Unexcelled for shipping; market gardeners' favorite. A large podded late, wrinkled variety of vigorous growth,  $3\frac{1}{2}$  to 4 feet high; very productive; pods 4 to 5 inches long, well filled with large Peas of excellent flavor. Pkt. 25c., lb. 50c., 2 lbs. 90c., 7 lbs. \$3.00, 14 lbs. \$5.75.

†**BLACK-EYE MARROWFAT.** The old standard variety for market and field culture. Smooth Pea, black eye. Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 14 lbs. \$4.75.

†**Boston Unrivalled** Best large-podded medium or late Pea grown. An improved strain of the Telephone type. Vines grow 4 to 5 feet high and are covered with fine large pods about 5 inches long,  $\frac{3}{4}$  inch broad, and containing 7 to 8 extra large Peas of the finest flavor. Pkt. 25c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 14 lbs. \$4.75.

†**CHAMPION OF ENGLAND.** Of the late varieties this is one of the very best and exceedingly productive. Grows four to five feet. Seed is green and wrinkled. Universally admitted to be one of the richest, best flavored Peas grown. Pkt. 25c., lb. 50c., 2 lbs. 90c., 7 lbs. \$3.00, 14 lbs. \$5.75.

†**Dwarf Champion** or **Junco.** Very similar to the Champion of England except in growth of vine, which is only about two and one-half feet in height. Pods are dark green, good size, and very prolific. Quality excellent. Pkt. 25c., lb. 50c., 2 lbs. 90c., 7 lbs. \$3.00, 14 lbs. \$5.75.

†**Dwarf Defiance** (Sutton). Pods long, dark green, straight and well filled with large Peas of excellent flavor. Very productive. Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.50, 14 lbs. \$6.75.

\***Dwarf Telephone, or Daisy** Grows one and one-half or two feet in height, very stocky, heavy, vigorous vine; productive. Pods are long and remarkably well filled. Peas are large and wrinkled. One of the best sorts for home garden. Pkt. 25c., lb. 50c., 2 lbs. 90c., 7 lbs. \$3.00, 14 lbs. \$5.75.

†**EVERBEARING.** Very prolific vine, growing two and one-half feet high. Pods two to three inches long, well filled with large Peas of excellent quality. *For the private gardeners this is one of the best.* Pkt. 25c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 14 lbs. \$4.75.

†**FRENCH CANNER, or PETIT.** Vines grow about three or four feet high and are very productive; extensively used for canning. Pods and Peas are very small. Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 14 lbs. \$4.75.

†**McLean's Advancer** For a second early Pea this excels all others, especially for ripening about July 4th; very productive and excellent flavor. Grows about  $2\frac{1}{2}$  feet in height. Ripens immediately after the extra earlies; can be picked clean at two pickings. Pkt. 25c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 14 lbs. \$4.75.

†**POTLACH.** A splendid large podded variety of the Stratagem type. Vines vigorous, attaining  $2\frac{1}{2}$  feet in height, with huge pods dark green in color and filled with sweet and rich flavored Peas like the Telephone. Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.15, 14 lbs. \$6.00.

When wanted by Parcel Post be sure to remit postage at zone rates. (See second cover page.)

PEAS are most delicious when picked fresh from your own garden. Plan for a plentiful supply the entire season. Plant at least three sorts at the same time for ripening in succession, such as **Gradus**, **Champion of England** and **Alderman** for tall sorts, **Pioneer**, **Dwarf Telephone** and **Potlach** for dwarf kinds.



## PEAS—Continued

†**QUITE CONTENT.** Under favorable conditions the height is about 5½ feet. Large, heavy, deep green foliage. Deep green pods usually in pairs, 6 in. to 7 in. long; each pod contains 9 to 11 large Peas of delicious flavor.

Pkt. 25c., lb. 60c., 2 lbs. \$1.00,  
7 lbs. \$3.15, 14 lbs. \$6.00.

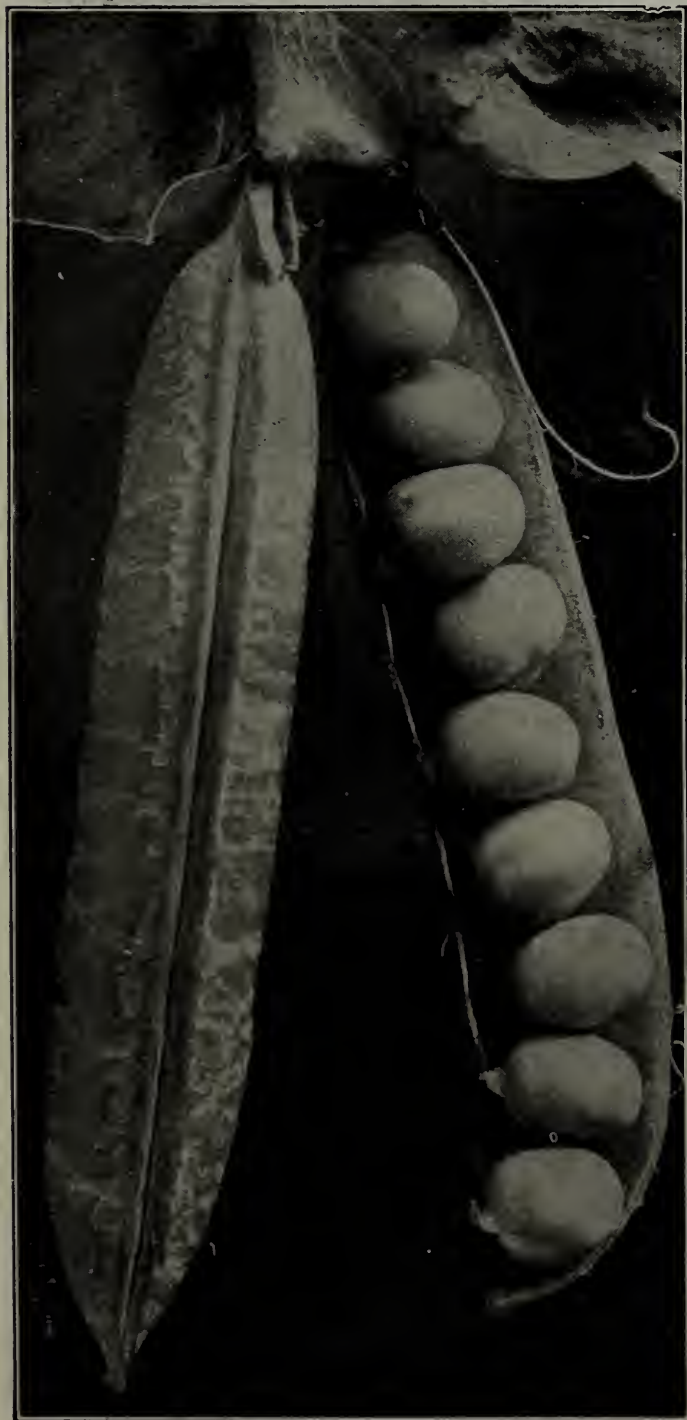
†**Stratagem Improved** *It is a favorite with the market gardeners*

for a general crop on account of the strong vines and large Peas and pods. A heavy cropper. Vines are strong, vigorous, covered with large pods measuring nearly five and one-half inches in length. Peas wrinkled, vines very branching, often twenty pods to a vine; quality is excellent. Our stock has been carefully selected and will run remarkably true—

Pkt. 25c., lb. 60c., 2 lbs. \$1.00,  
7 lbs. \$3.15, 14 lbs. \$6.00.



Stratagem Improved



Boston Unrivalled

**Telephone** This is the recognized late Pea for the home garden where a fine appearance, high quality, and large-sized pod are wanted. Vines, are tall, heavy and vigorous, 4½ feet high, with large, coarse, medium green leaves and producing an abundance of attractive, medium green, broad, straight, pointed pods 4 to 5 inches long, containing eight large, tender, light green Peas; sugary sweet, and of an excellent flavor. The standard late sort.

Pkt. 25c., lb. 50c., 2 lbs. 90c., 7 lbs. \$3.00, 14 lbs. \$5.75.

**Edible-Podded Peas**

†**DWARF GRAY SUGAR.** Vines grow about fifteen inches high with purplish blossoms; Sugar Peas are not shelled but pods are broken and cooked the same as string Beans.

Pkt. 20c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.15, 14 lbs. \$6.00.

†**MAMMOTH MELTING SUGAR.** Vines grow about four feet high; very productive. Pods average 5 to 6 inches in length, and 1½ inches in width; broken and cooked same as string Beans.

Pkt. 20c., lb. 60c., 2 lbs. \$1.00, 7 lbs. \$3.15, 14 lbs. \$6.00.

For Field and Cow Peas for Fodder, see Farm Seeds, page 52



## Peppers

One ounce will produce about 2,000 plants.

**Culture.**—Sow in hotbed in March or April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in a row. Seed can be sown outside late in May. Cover seed one-half inch and thin as above.

**Cayenne (true).** Pods are small, cone-shaped and red. Used for pickling.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.

**Cherry Red.** Small, smooth, round variety. Deep, glossy scarlet color.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.

**Coral Gem.** Small pods, shiny red color. Appear in clusters. Excellent for seasoning.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.

**Celestial.** Creamy white and scarlet when matured; prolific.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.

**Chinese Giant.** Grows from four to five inches broad at the top and of about equal length, divided into four or more large ridges. Produces uniformly monstrous Peppers of thick blocky form and a most brilliant, glossy color. Flesh is extremely smooth and unusually thick, making an excellent salad sliced like the Tomato.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.

**Golden Dawn.** Bright golden yellow color. Mild and sweet.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.

**Italian, Sweet.** Exceedingly mild flavor, in great demand in this vicinity. Grows six to seven inches in length, diameter about two or three inches at the base. Light green before turning red. Principal variety used in green state.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.

**Large Bell** Very large sort. Flesh thick, hard and less pungent than most other varieties. Fruit sometimes three or four inches in length.

Pkt. 10c., ½ oz. 35c., oz. 60c., ¼ lb. \$2.00.

**Neapolitan.** An excellent market variety on account of its earliness and productiveness; usually ripens two weeks earlier than the Bull-Nose. Fruit of large size, growing on a thick, stocky plant; flesh is quite thick and exceedingly smooth; color is light green changing to bright red when ripe.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.

**Procopp's Giant.** Very large; flesh thick, crisp and sharp.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.

**Ruby King.** Large, scarlet fruit; flesh is thick, white and rather mild flavor. Especially fine for pickles.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.



**Sweet Mountain** Exceedingly large, very prolific and popular market variety. Plants vigorous and productive; fruit is large and smooth; flesh very thick.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.

**Squash, or Pickling.** Extensively used in Boston markets; the most popular variety with the market gardener; very productive. Flesh very thick and fruit quite smooth and nearly round. Plants are quite dwarf and mature fruit ready for market earlier than most other varieties. We have taken especial care in the selection of the fruit for seed of this variety.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.

**Sweet Upright.** Flesh bright scarlet, thick and sweet; of upright growth, as early as Bull-Nose and heavier.

Pkt. 10c., ½ oz. 40c., oz. 75c. ¼lb. \$2.00.

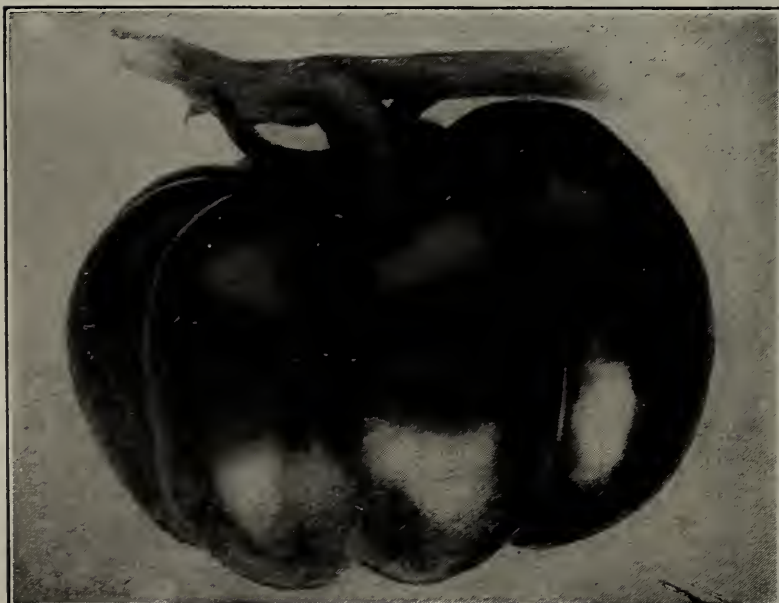
**Tabasco.** Is of tall, bushy-like growth three or four feet in height; produces an enormous number of small, slender and very hot fruit one inch in length. Vivid scarlet in color. Plants should be started early in hotbeds in order for them to ripen in this latitude.

Pkt. 10c., ½ oz. 40c., oz. 75c. ¼ lb. \$2.00.

**PEPPER PLANTS.** Ready in May and June. Doz. 30c. Pot grown 60c. doz. See page 46.

### HIGHEST GRADE SEEDS

All our Vegetable and Flower Seeds are tested before we place them in the packages, and each year most of the vegetable seeds are grown to maturity in our trial grounds during the Summer that we may know just what the seeds we sell will produce. We know they will grow for they have all been tested as to germination before being placed on sale. We can give you the percentages of germination if you wish



Squash, or Tomato-Shaped Pepper



# POTATOES

*Eight to ten bushels, or three to four barrels sufficient for one acre. One peck will plant 75 hills.*



Early Ohio Potato

**EARLY ROSE.** (Early.) The standard variety which is usually the first variety which appears on the early market and is widely grown for this purpose. Its tubers are roundish, oblong and somewhat flat, while the skin is flesh colored or pink. The sprouts are a deep rose lilac in color while the flowers are usually white. This one is not as prolific as some of the later sorts, but is extremely early.

**GREEN MOUNTAIN.** (Late.) Vines are strong and vigorous. Both skin and flesh extremely white; good yielder. One of the best general crop Potatoes and a fine keeper. The tubers are oblong with a dull cream or light russet skin.

**IRISH COBBLER.** (Early.) An excellent variety for light soils, producing a larger yield than most varieties when used on a light soil. The Potato is white and of medium size, roundish in shape. The quality is excellent, especially for baking.

**NOROTON BEAUTY.** The finest and most productive extra early Potato grown. Handsomer in appearance and more uniform in shape than any other sort. Its table quality is superb.

**UNCLE SAM.** (Late.) Is a medium late. Large yielder, good size, and cooks white and dry.

**VERMONT GOLD COIN.** (Late.) The vines are strong and vigorous, and the tubers are deeply set in the ground; well adapted to loose soils and muck land; the tubers are large, color white with a slight streak of pink; of fine quality; very dry and mealy.

**SWEET POTATO.** See page 46.

Potatoes sent by express or freight, purchaser paying transit.

Our seed Potatoes are strictly Maine grown. Special price on large quantities.

**Crops being uncertain at time of catalogue going to press, we are unable to make definite price. Quotations made when stock is ready for delivery**

**CULTURE**—Any good soil will produce Potatoes, but quality is much improved when produced on good sandy loam. Make furrows of good depth, three feet apart, scatter a liberal dressing of fertilizer in the drill. Cover slightly with earth and upon this set the seed Potatoes in hills one and one-half feet apart. If a very early crop is desired, it will be necessary to sprout the Potatoes before planting. Cut the Potatoes in pieces of the size desired and place in a warm light room for four days before required for planting in the open ground.

Use Bordeaux mixture for blight and arsenate of lead for the Colorado beetle, or if, as is often the case, both these conditions prevail, use the two in combination. We recommend Pyrox (Bowker's) for this purpose knowing it to be effective, and we believe it will also increase the crop and improve the quality.

**BEAUTY OF HEBRON.** (Early.) Pure white with flesh-colored skin; an excellent variety for late planting; produces well on most soils, and one of the best sorts for keeping. When cooked it is dry and mealy.

**DELAWARE.** (Late.) Vines are strong and vigorous; tubers are large, smooth, white and excellent quality.

**EARLY NORTHER.** (Early.) An excellent early variety, resembling the Early Rose in shape and color.

**EARLY NORWOOD.** (Early.) Excellent yielder, cooks perfectly white, dry and floury. The vines are of medium size, bushy and compact; resembling the Early Rose in color and broader at the stem end. Tubers run very uniform as to size, and are practically all marketable. Its handsome appearance, perfect form and superb cooking qualities will readily recommend it to every grower.

**EARLY OHIO.** (Early.) This is about a week to ten days later than Early Rose and the tubers are more prolific and of higher quality. It appears on the market shortly after Early Rose and is grown more extensively. The tubers are round or oblong, while the skin is flesh colored to light pink with numerous small russet dots and the sprouts are diffused with carmine or magenta. The flower is white. While not as high in quality as the Irish Cobbler, it finds ready sale on the market.



Early Norther Potato



## Pumpkin

One pound will plant 200 to 300 hills. One ounce will plant 20 hills

**CULTURE.**—Sow when all danger from frost is over in hills eight feet apart; thin out to four plants in a hill. The common practice is to drop two or three seeds in every third or fourth hill in the corn field.

**CUSHAW, or Crookneck.** Large, light cream color, fine grain. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**CONNECTICUT FIELD.** The best for field culture. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**KING OF THE MAMMOTHS.** The largest of all Pumpkins. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**LARGE CHEESE.** Large, round flattened, with creamy buff skin. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**NANTUCKET SUGAR, or NEGRO.** Skin very dark green, almost black; flesh thick, and rich orange yellow. Excellent keeper. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**SMALL SUGAR, or New England Pie.** This variety is small but of most excellent quality for pies. The fruits are deep orange, eight to ten inches in diameter, round or somewhat flattened and slightly ribbed. The flesh is rich deep yellow, fine grained and very sweet. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**WINTER LUXURY.** Medium size, productive and an excellent keeper. Color of skin russet; fine netted. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.



Pumpkin, Small Sugar



Radish Early Scarlet Globe

## Radish

One ounce will sow about 100 feet of drill.

**CULTURE.**—Sow in the open ground as soon as it can be worked, at intervals of ten days for a succession as long as wanted. Sow in hotbed or greenhouse in Winter. The Winter varieties should be sown in August and lifted before severe frost. As their tender and mild qualities depend on rapid growth, the soil should be rich, light and mellow.

**Early Scarlet Globe** For a forcing Radish this has been at the head of the list, being the best shape, brightest scarlet, most uniform and short top. Tender and crisp. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Early Scarlet Turnip** Small top, quick growth, mild and crisp, excellent for forcing. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Early Scarlet Turnip White Tip** Very deep scarlet, with white tip. Its excellent appearance makes it a favorite in the market. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

### Ne Plus Ultra, or Twenty-Day Forcing

Earliest of all Radishes for forcing, being ready for the table in three weeks. Roots are round and bright scarlet. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Scarlet Twenty-Day Forcing** Short leaves, and brilliant red. Excellent for frames. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Crimson Giant Forcing** This variety will grow a medium size as quickly as any; it also remains crisp, firm and solid until double the size of others. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.



## RADISH—Continued

**French Breakfast** A popular quick growing variety; excellent for forcing. Oval form, scarlet, tipped with white.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**Giant White Stuttgart** Early, quick growing. In five to eight weeks after being sown will produce extra large roots. If sown in July or August for a late sort, will be ready in October.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**ARLINGTON LONG SCARLET.** This is unexcelled for a long Radish. A favorite on the market on account of its beautiful appearance and fine flavor.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**EARLY WHITE TURNIP.** Like the scarlet in shape, but color is white.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**GIANT WHITE STRASBURG.** Roots pure white, oblong and mild flavor.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**ICICLE.** Grows three to our inches long; matures in twenty-five days after sowing. The most transparent of any Radish.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

**LONG BRIGHTEST SCARLET.** Very bright scarlet, medium long with white tip.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**WOOD'S EARLY FRAME.** Similar to the Long Scarlet, only not as long and a more brilliant color. Excellent for forcing.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

## Radish, Winter Varieties

**CALIFORNIA, MAMMOTH WHITE.** Grows a large size; flesh is white, firm and good flavor.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**LONG BLACK SPANISH.** Very large size, firm texture, and should be stored in sand for Winter.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**ROUND BLACK SPANISH.** Similar to above only round and black.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.



Radish, French Breakfast

**ROSE-COLORED CHINA.** Of rose color; fleshy firm. Rather conical in shape; very smooth.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00

## Rhubarb

**CULTURE.**—This plant is mostly propagated by division of the roots. The best time to set out the plants is early in the Spring, although it is some times done in Autumn. Make furrows of good depth, 3 to 4 feet apart, according to the variety planted; across these furrows, at right angles, make others the same distance apart; at each intersection put three or four shovelfuls of good manure, and upon this set the plants. Any good soil will suit Rhubarb; but to obtain heavy crops, good soil well manured is indispensable. A piece of root with a single bud, or eye, is enough for each hill. Cultivate during Summer, but do not pull any stalks the first year. Late in Autumn cover each plant with a good shovelful of manure, and plough a furrow against each side of the rows; this protection will assist the earliness of the crop. In early Spring level the ground, working in the manure with a fork. Plants can be obtained from seed, which may be sown in a hoed in March, and the plants set out about the middle of May. It takes longer, however, to obtain a crop from seedling plants than from roots.

**VICTORIA.** The variety in general use for the market; yields immense crops.

Pkt. 10c., oz. 60c.,  $\frac{1}{4}$  lb. \$1.25.

**RHUBARB ROOTS.** (See also page 46.)

Extra Large.

Each 50c., doz. \$5.00.

## Salsify, or Oyster Plant

One ounce will sow 50 feet of drill.

**CULTURE.**—Sow the seed early in Spring in rows twelve inches apart and one deep; thin plants to four inches apart in row. For Winter use dig and place in cellar in boxes; cover roots with sand or soil. If left in ground till Spring, dig as early as possible. A deep, sandy soil is the best for good results.

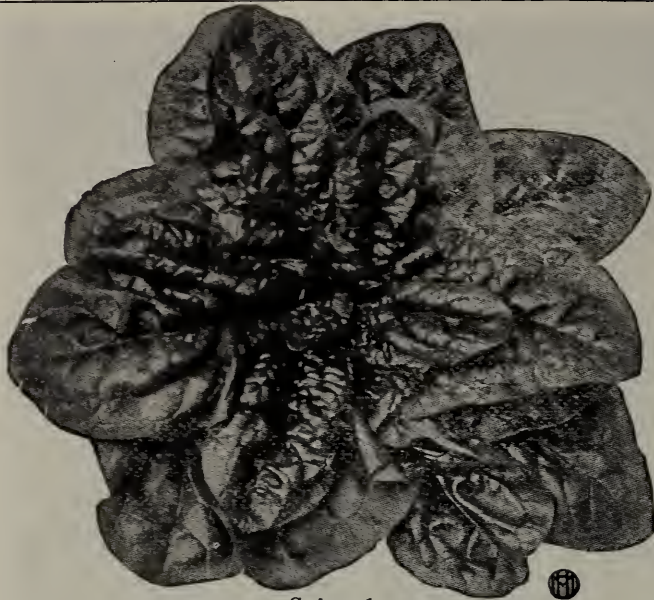
**SANDWICH ISLAND MAMMOTH.** An excellent variety. Very smooth, fine quality, white, and grows double the size of the Long White.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.



Radish, Early Scarlet Turnip, White Tip





Spinach

## Spinach

*One ounce will sow 50 feet of drill. Twelve to sixteen pounds will sow an acre.*

**CULTURE.**—Spinach may be grown on any ordinary soil, and its cultivation is a very simple matter. It is grown both as a Spring and Summer Crop. For early use, sow in August or September, in drills 12 to 14 inches apart. At the approach of cold weather cover lightly with straw, or any hardy litter. Uncover when the plants begin to make a new growth in Spring. For Summer use, sow early in Spring, in the same way as above, using rather less seed. If the plants stand too thick, thin to 3 or 4 inches apart. A liberal dressing of good manure should be used. The land can hardly be made too rich.

### All Season

A superb variety for planting in rotation all Summer long. It does not send up its flower stems and bear seed the same as the early varieties which are easily affected by hot weather. While most sorts of Spinach are usually grown for Fall and Spring crops, this excellent variety may be used through the Summer months with satisfactory results. The leaves are thick and tender, and quite crumpled.

Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

### Round Crumpled Leaf

It is the market gardener's favorite, for either Fall or Spring sowing. Produces large, thick, dark green leaves, somewhat crumpled, and has the quality of standing a long time. Our strain of this superb Spinach is unexcelled and perfectly hardy; and without doubt the finest strain of Spinach for Fall or Spring Planting.

Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

### Savoy Leaf, Bloomsdale

Very hardy, exceedingly popular. Productive, tender and excellent quality.

Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**LONG STANDING.** Desirable on account of not running to seed as some varieties do. Excellent for Spring use.

Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

### New Zealand

Grows large and luxuriant in warm, rich soil, and produces a large quantity of leaves during the Summer.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**PRICKLY, or FALL.** Seed is prickly and triangular; oblong, arrow-shaped leaves. Especially useful for Fall sowing.

Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. \$1.00.

**TRIUMPH.** Very hardy, large, thick, fleshy, dark green leaves; excellent for Summer use.

Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

**VICTORIA.** Later than other varieties; remarkably fine texture. Dark green, heavy, crimped, fleshy leaves.

Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.00.

## SQUASH

*Early varieties, one ounce sufficient for 50 hills.*

**CULTURE.**—Before you plant Squash the ground must be warm and settled, the soil light and highly manured. Summer varieties should be planted from four to six feet apart each way in the hills, pressing the seed down firmly one inch deep. Late varieties in hills eight feet apart, covering the seed about one and one-half inches deep.

### Early Summer Varieties

#### Arlington Summer Crookneck

Is early, extra large

size and rather straight necked, and much larger than the ordinary Crookneck. Grows from fifteen to eighteen inches long and of the finest quality. Its handsome appearance commands an *extra price in the market* and is a favorite Summer Crookneck with the market gardeners.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

#### Mammoth Bush White Scallop

A selection from

the ordinary variety, which it resembles with the exception of being larger; equally early.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

#### Cocozelle Bush

Fine quality. Oblong with smooth skin; mottled dark

green and yellow.

Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**EARLY SUMMER CROOKNECK.** Small, crook-necked Summer Squash. Skin bright yellow somewhat warted.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**EARLY WHITE BUSH SCALLOP, or PATTY-PAN.** Matures the earliest of any; very productive, light creamy color and scallop shaped.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**EARLY WHITE CROOKNECK.** Similar in shape to above, only much larger and skin is a creamy white.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

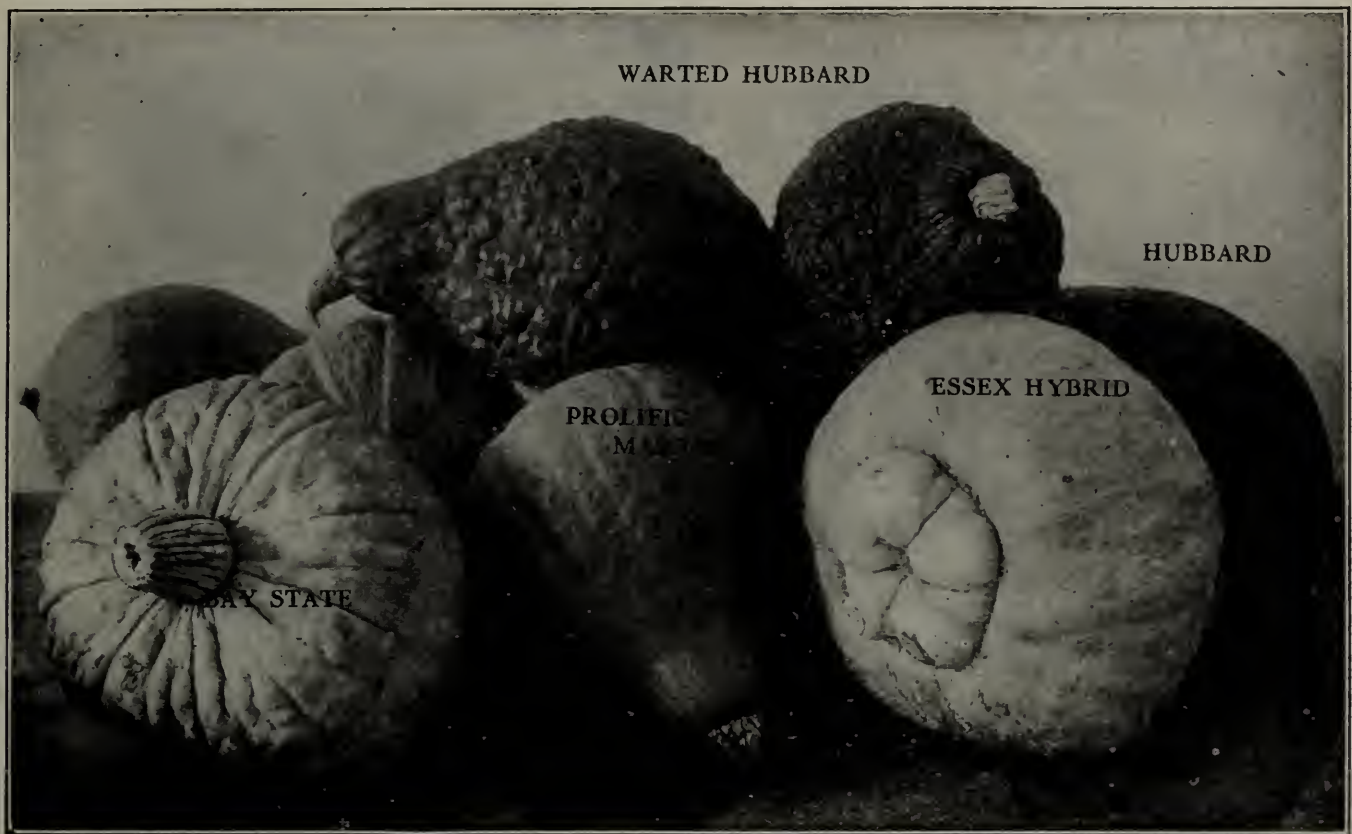
**YELLOW BUSH SCALLOP.** The only difference is that it is colored a deep yellow.

Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.



Arlington Summer Crookneck Squash





Collection of Fall and Winter Squash

## Squash. Fall and Winter Varieties

*One ounce for 20 hills; four to six pounds to acre.*

**Bay State** Its chief points of merit are its hard shell, dryness of grain and sweetness of flavor. Its hard shell gives the assurance of being a good keeper. Is green; flesh bright golden yellow and finely flavored. A large yielder.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Hubbard** The most popular of all Winter varieties; an excellent keeper. Is of large size, often weighing from nine to twenty pounds. Color bluish green occasionally marked with a brownish orange. Flesh is fine grain, dry and excellent flavor.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**Blue Hubbard** A sport from the Hubbard. Resembles the Warted Hubbard in shape, though excelling it in flavor and dryness. More productive than any of the strains of Hubbard. Thick meated, fine-grained, dry and very sweet; Produce dealers who have handled them claim that when cut open it remains longer without showing signs of mould than any other variety.

Pkt. 15c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Hubbard Warted** It grows larger than the old variety; dark green and covered with warts.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**Golden Hubbard** Similar to the old variety of Hubbard except in color, which is reddish yellow.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**Boston Greek** The fruits are oblong and average about 12 in. in length; color dark green, often striped or mottled with lighter green or yellow.

Pkt. 10c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.50.

**Warren** A fine Turban Squash similar to Essex Hybrid, but much deeper in color.

Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Prolific,** or **Orange Marrow.** For an early Fall Squash there is no squash that can compare with this in earliness and productiveness, which are important features with the market gardener. Brilliant orange red color, which makes it attractive in the market.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

## Essex Hybrid

Its shape is very distinct from other varieties, having on the blossom end a small cap-shaped enlargement. Flesh is dry, sweet and thick, bright orange color. One of the best for keeping.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

## Delicious

For table use no squash compares with it in its remarkable combination of fineness, compactness of grain, dryness, sweetness and exceedingly rich flavor. Its color is almost uniformly green in shade.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**MAMMOTH CHILI.** Is round, flattened at both the stem and blossom ends. Outer color is rich golden yellow. It is the largest of the Squash family.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**VICTOR.** Rich orange yellow. Fall and Winter variety. Hard shell, thickly covered with warts; very thick, solid flesh. Fine yielder.

Pkt. 15c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**VEGETABLE MARROW.** Vegetable Marrow is always in great demand throughout England, and can be raised equally as well in our climate. It is usually sown outdoors in May, and planted in hills similar to squash. Is early and skin greenish yellow; flesh white and rich flavor.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**Following Varieties Price:** Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.50.

**BOSTON MARROW.** An early Fall sort of oval form; skin thin, and when ripe a light orange color. Good size, excellent keeper.

**DELICATA.** Early, very prolific; orange colored splashed and striped with very dark green.

**FAXON.** Squashes vary in color, some being pale green mottled and faintly striped. Excellent flavor.

**FORDHOOK.** Squashes are small and cream color, flesh is dry, sweet and one of the best in quality. Keeps throughout the Winter.

**GOLDEN BRONZE.** Very similar in form to the Prolific Marrow. Color is dark grayish green; flesh bright yellow. Fine grain, sweet, delicious flavor.

**MARBLEHEAD.** Skin is very light bluish green. Flesh is of light color and very dry.

**WINTER CROOKNECK.** An old, well-known variety; one of the longest keepers; often will keep until the crop is gathered the following year.



# TOMATO

*One ounce will produce about 2,000 plants.*

**CULTURE.**—Of Tomatoes the varieties are numerous, some of them being very distinctive. However, there are many sorts of the large red varieties annually introduced and represented as being superior to all others which, as a rule, do not show variation enough to be classed as distinct varieties. The seed may be sown in hot-beds, with good bottom heat, in February or March; and when the plants are two or three inches high, transplant into other frames about four or five inches apart each way, or boxes or single pots which are to remain in the frames. Set the plants out in open ground, not earlier than the last week in May or first week in June. Being very tender they will not bear the least frost. Choose a light, sandy, or gravelly loam, in a well-sheltered situation, and with a southern exposure if possible, as early fruit is desirable. In such a location the plants may be set about four feet apart each way, using a large shovelful of well-rotted manure in each hill. On rich soils but little, if any, manure is necessary; and the plants will need to stand about six feet apart each way.

**TOMATO PLANTS.** See page 46.

## Forcing Varieties

**Best of All.** Fruit is produced in bunches and very solid. Is a strong grower; a superior forcing variety.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.**

**Comet.** *This variety is a favorite for forcing; just the size wanted (round); color rich scarlet red, very smooth, fruit set in bunches and in great abundance. Everything is in its favor for a forcing Tomato.*

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

**Stirling Castle.** A superior forcing variety. Is an exceedingly heavy cropper, medium size, smooth, round and red color. This variety is one of the best European sorts and our seed is all imported.

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**



**Tomato, Sunrise**

**LORILLARD.** One of the standard sorts for forcing under glass. Its red color, flavor, solidity and prolific bearing are its chief merits.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.**

**Sunrise.** (Early and prolific.) It is one of the finest Tomatoes for indoor and outdoor culture. It grows in clusters. The Sunrise sets freely and is an immense cropper, yielding heavy bunches at short intervals all over the plant. Fruits smooth, of good form and size, very solid and produces almost no seed. We question if any other variety would, in a given space, carry so heavy a crop. For this reason it is valuable for market purposes, especially for indoor growing.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.**

## Early Extra Varieties

**Bonny Best.** Early Tomato. It has been tested and found ten days earlier than the Chalk's Early Jewel and ripens with the Earliana. Strong grower, very productive, ripens evenly all over, excellent shipper.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.**

**Belmont.** An extra early variety, quite popular in the Boston markets. Good size, smooth, bright red color.

**Pkt. 15c., ½ oz. 35c., oz. 60c., ¼ lb. \$2.00.**

**Chalk's Early Jewel.** The earliest of the bright scarlet colored. Deep fruited and very hardy and solid.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.**

**ATLANTIC PRIZE.** One of the favorite extra early varieties. Fruit is red. Very solid, fine quality.

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.**

**EARLIANA.** It is remarkable for its size and its earliness. Good form and wonderfully productive. A red color which is in demand in some markets.

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.**



**Tomato Bonny Best**



## General Crop

**Dwarf Champion** It is peculiar in its manner of growth, being upright, quite dwarf, with firm, short stem joints, which make it self-supporting. Fruit is red with a pinkish tinge, medium size, good quality. On account of its compact habit, plants may be grown closer together than other varieties.

Pkt. 10c.,  $\frac{1}{4}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Dwarf Stone** Excellent for home use. Its habit resembles the Dwarf Champion; fruit is color and shape of the Stone. Smooth, solid, bright red and very prolific: excellent quality. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Favorite** Early variety, large size fruit; is of dark red color. Very popular market variety.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**"John Baer"** Produces perfect, solid, high crown, brilliant red shipping Tomatoes. John Baer Tomato produces an enormous crop of Tomatoes. Entirely free from core and ripens evenly right up to the stem.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Puritan** Excellent for general crop. Large, smooth, bright red, very prolific. It seldom cracks, is very firm and the color makes it attractive for the market gardener.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Matchless** Fruits are of rich cardinal red, remarkably solid and smooth, free from core and uniformly of the finest flavor. Is a strong vigorous grower, producing Tomatoes of the largest size. Excellent keeping qualities.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Red Rock** Of brilliant red color, one of the most solid varieties; medium size; medium early, one of the best for home or market gardening.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Stone** A great favorite with the market gardeners for the main crop. Is very large, bright scarlet color, smooth, and excellent shipper. Always in demand.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**ACME.** Dark red color tinged purple. Good flavor.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**BEAUTY.** Very solid, with tough skin, making it very desirable for shipping. Color is pink; very popular.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**CORELESS.** This is such an excellent variety we feel we should make special mention of the Coreless as the most perfect shaped canning variety. Large size, globe-shaped, full at stem end, bright red always free from green core. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**GOLDEN QUEEN.** Fruit is yellow. Its handsome yellow slices make a beautiful contrast in a dish with the red Tomatoes.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**PERFECTION.** Excellent for general crop. Smooth, round, blood red in color, very solid, good yielder.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**PONDEROSA.** Largest of all Tomatoes. Single specimens often growing to weigh from one and one-half to two pounds. Good flavor.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**ROYAL RED.** Skin and flesh intense red. Excellent for market purposes.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.



Tomato, Stone

TOMATO PLANTS. See page 46.

## Small Fruited Varieties for Preserving and Decoration

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**PEAR SHAPE, or Fig.** Fruit is yellow.

**RED CHERRY.** Small, red, borne in clusters.

**STRAWBERRY, or Ground Cherry.** Fruit is yellow; grows in husks; excellent for preserves.

**YELLOW PEACH.** Fruit is yellow, peach shape.

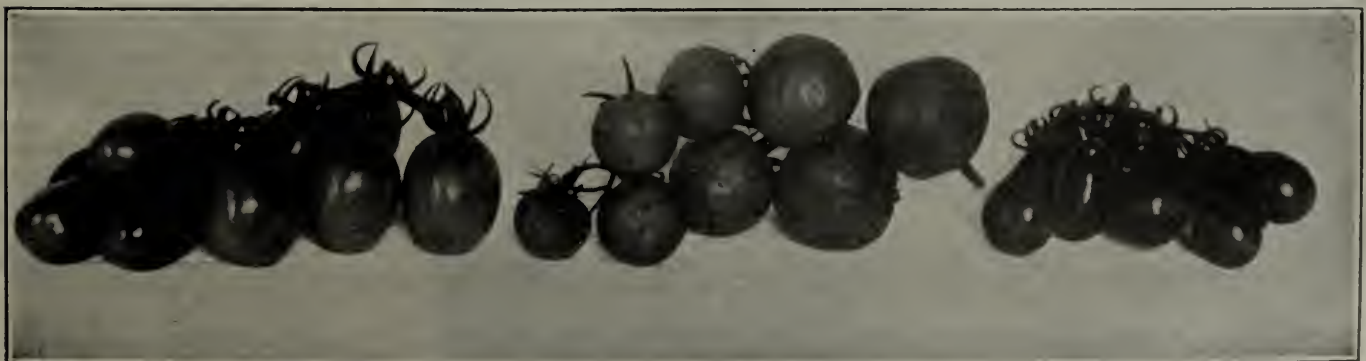
**YELLOW PLUM.** Lemon color, oval, smooth.

**RED PLUM.** Similar to above, only red.

**RED CURRANT.** Quite small.

## Tomato Trellises

By supporting the plants less ground space is required, the fruit will ripen better and less will spoil. See page 170.



Yellow Plum

Yellow Peach

Red Pear



# Turnips

One ounce will sow 100 feet of drill; one pound will sow one acre.



Turnip, Purple Top Strap Leaf

**EARLY SNOWBALL.** A nearly round, medium sized turnip of fine appearance, with a smooth white skin, maturing very early, being ready in six to eight weeks. The pure white flesh is very sweet, fine grained and tender. The tops are scant and short.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Extra Early Purple Top Milan** The earliest Turnip grown, being ready two weeks sooner than any other. Of medium size with very much flattened round roots, smooth and white with a purple red top. Leaves short and few. Flesh white and of splendid quality. Well adapted to Spring and Fall planting.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Extra Early White Milan** The earliest white top Turnip. Of the same shape and size as the Purple Top Milan. Roots clear white, very smooth and symmetrical, at their best when two inches in diameter. Flesh white, tender and delicately flavored.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Purple Top Strap Leaf** or **Red Top Early.** A widely cultivated and well known variety, more commonly used than any other for market or for feeding to stock. A quick grower, producing medium sized flat roots, regular in shape, purple red above ground, white below. Especially adapted to heavy clay soils. Flesh is fine grained, white and tender.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Purple Top White Globe** This excellent early variety is very much in favor with market gardeners. The roots are of a perfect globe shape, of good size and fine in appearance. Skin white with a purple top. A very productive sort and an excellent keeper. Best when three inches in diameter. The quality is superior, especially desirable for table use and greatly relished by stock.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.



Turnip, White Egg

**CULTURE**—A light soil is the best upon which to grow Turnips. The flat or English varieties are extensively used as a late crop, and may be made to follow almost any other early crop. Fall Turnips may be sown from July 1 till about September 10, or, in favorable seasons, even later. These varieties are also used for early crops, the seed being sown in April.

## White Flesh Varieties

**BUDLONG'S IMPROVED**, or **Breadstone.** Half-long in shape; white, mild flavor. An excellent keeper.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**COWHORN** or **Long White.** Rapid grower, long and Carrot shaped. Largely cultivated for feeding stock. Grows very quickly, partly above ground. Large size and smooth skin, of excellent quality for table use. A fine variety for turning under as a green manure in conjunction with Crimson Clover, and is highly suitable for this purpose. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.



Extra Early Milan Purple Top

**SEVEN TOP.** Grown almost exclusively for the tops, which are used as greens. Does not produce edible roots.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**Sweet German** This variety

should be sown at least a month earlier than the early flat Turnips. Flesh is white firm, sweet and keeps well into the Winter.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**WHITE STRAP LEAF.** Similar to the purple top strap leaf except that the color is white; mild flavor. Very quick growing and extremely early.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**White Egg** Is of egg shape and very rapid

grower; thin white skin. Solid, firm, fine grain flesh. Grows good size. Excellent for early or late keeping in the Fall. Matures very quickly and is adapted for either Spring or Fall sowing.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.



## TURNIPS—Continued

## Turnips, Yellow Flesh Varieties

Price: Pkt. 10c., oz. 20c., ¼ lb. 40c., lb. \$1.25.

**LARGE YELLOW GLOBE,** or **Yellow Stone.** Color is pale yellow with greenish top. Globular shape. Excellent for general crop and table use. Smooth skin, firm and sweet. One of the best for general crop.

**ROBERTSON'S GOLDEN BALL.** Round, deep yellow color, medium size, very firm, hard and excellent flavor. A superior table variety. A good keeper and excellent for stock.

**YELLOW ABERDEEN, PURPLE TOP.** Bulbs globular form; deep yellow below ground, reddish purple above. Has a small tap root. Very solid and good quality. Valuable for feeding. Of large size and very productive.

## Rutabaga

SWEDISH, or RUSSIAN  
TURNIP

**CULTURE**—The Swedish or Rutabaga varieties should be sown in drills 15 to 18 inches apart, at any time from June 1 to the middle of July, using about one pound of seed per acre. The plants should be thinned to about six or eight inches apart.

Price: Pkt. 10c., oz. 20c., ¼ lb. 40c., lb. \$1.25.

## American Purple Top

**Improved.** Market gardeners' favorite. More largely grown than any other variety. Yellow flesh, solid and fine quality. One of the very best keepers.

## Shamrock Yellow Swede

Largely grown for market and home use. Yellow flesh, solid, good keeper.

## LARGE WHITE FRENCH.

Excellent Winter variety.

**ST. ANDREW'S.** A popular variety in Boston markets. Flesh yellow with purple top.

## Tobacco

**CULTURE**—Sow in hotbed for early planting or sow in the open ground as soon as the ground is warm. Sow broadcast in rich dry soil, pressing down firmly and cover lightly; water frequently. Set plants out first of June three feet apart each way in land heavily manured.

**Connecticut Seed Leaf.** Saved from selected plants.

Pkt. 10c., oz. 30c., ¼ lb. \$1.00, lb. \$3.00.

**HAVANA.** Imported seed.

Pkt. 10c., oz. 30c., ¼ lb. \$1.00.

Improved  
American  
Rutabaga  
Turnip

## Sweet, Medicinal and Pot Herbs

**CULTURE**—For early use sow seed in hotbed in March, or open ground in May, in rows one foot apart. Cover very lightly and thin out when large enough to six or eight inches in row. They should be cut on a dry day, before they come into full blossom. Tie in bunches and keep where they will dry quickly.

**Anise** (*Pimpinella anisum*). Hardy annual, used for garnishing and seasoning. Pkt. 10c., oz. 20c.

**Balm** (*Melissa officinalis*). Used as a drink for the sick and for culinary purposes. Pkt. 10c., oz. 30c.

**Basil Sweet** (*Ocimum basilicum*). Seeds sown in April, indoors, in rich, light soil, and in beds in June. Pkt. 10c., oz. 30c.

**Bene** (*Sesamum orientale*). Extensively grown for the oil contained in its seeds. Pkt. 10c., oz. 30c.

**Borage** (*Borago officinalis*). Used for flavoring, and flowers furnish bee pasture. Pkt. 10c., oz. 30c.

**Caraway** (*Carum carui*). Grown for the seeds, which are used in flavoring. Pkt. 10c., oz. 30c.

**Catnip, or Catmint** (*Nepeta cataria*). Used for medicinal purposes. Pkt. 10c., oz. 50c.

**Coriander** (*Coriandrum sativum*). Young leaves used in soups and salads. Seeds in confectionary and for flavoring. Pkt. 10c., oz. 20c.

**Dill** (*Anethum graveolens*). Leaves used for flavoring. Pkt. 10c., oz. 25c., ¼ lb. 75c.

**Fennel, Sweet** (*Anethum feniculum*). Leaves used in fish sauces and for garnishing. Pkt. 10c., oz. 25c.

**Henbane** (*Hyoscyamus niger*). Contains medicinal properties. Pkt. 10c., oz. 35c.

**Horehound** (*Marrubium vulgare*). The leaves and tops are popular as a medicine for subduing irritating coughs. Pkt. 10c., oz. 40c.

**Hyssop** (*Hyssopus officinalis*). Aromatic evergreen bushy herb. Flowers and tops are used for medicinal purposes. Pkt. 10c., oz. 40c.

**Lavender** (*Lavandula vera*). Flower spikes are dried for their peculiar lasting fragrance.

Pkt. 10c., ½ oz. 45c., oz. 85c.

**Marjoram, Sweet** (*Origanum marjorana*). Hardy perennial, cultivated for use of its leaves for flavoring. Pkt. 10c., oz. 30c., ¼ lb. 50c., lb. \$1.75.

**Mint** (*Mentha spicata*). Pkt. 25c.

**Opium Poppy** (*Papaver somniferum*). Opium; a milky juice is obtained by making incisions in the capsule. Seeds are used for bird food, under name of Maw Seed. Pkt. 10c., oz. 35c., ¼ lb. 85c.

**Pennyroyal** (*Mentha pulegium*). Leaves and tops used in culinary preparations and for medicinal purposes. Pkt. 10c., ½ oz. 40c., oz. 75c.

**Rosemary** (*Rosemarinus officinalis*). Foliage used for medicinal purposes. Pkt. 15c., ½ oz. 40c., oz. 75c.

**Rue** (*Ruta graveolens*). Hardy; leaves emit a powerful odor, and have an exceedingly acrid taste. Pkt. 15c., ½ oz. 40c., oz. 75c.

**Saffron** (*Carthamus tinctorius*). Used in medicine and also in dye. Pkt. 10c., ¼ lb. 25c.

**Sage** (*Salvia officinalis*). Used for seasoning. Pkt. 15c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.00.

**Summer Savory** (*Satureja hortensis*). Hardy annual. Aromatic tops are used for culinary purposes. Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.

**Tansy** (*Tanacetum vulgare*). Curled-leaved variety, used for garnishing. Pkt. 15c., ½ oz. 30c., oz. 50c.

**Thyme** (*Thymus vulgaris*). Leaves and tops are used for culinary purposes. Pkt. 15c., ½ oz. 30c., oz. 50c.

**Wormwood** (*Artemisia absinthium*). Leaves and tops are grown for medicinal use. Pkt. 15c.



## Vegetable Plants and Roots

Prices subject to change without notice. Not less than 6 at the dozen rate, nor 50 at the 100 rate. If wanted by mail be sure to allow for postage. Pot grown plants cannot be mailed.

### Asparagus Roots

150 roots will plant a bed 12x35 feet.

	2-Year Roots				3-Year Roots			
	Doz.	100	500	1000	Doz.	100	500	1000
Reading Giant.....	\$0.40	\$1.50	\$6.50	\$12.00	\$0.50	\$2.00	\$8.50	\$16.00
Giant Argenteuil.....	.30	1.25	5.50	10.00	.40	1.75	7.50	14.00
Conover's Colossal...	.30	1.25	5.50	10.00	.40	1.75	7.50	14.00
Palmetto...	.30	1.25	5.50	10.00	.50	2.00	8.50	16.00
Martha Washington.....	.75	3.50						

Giant Argenteuil. 4-year roots.

Doz. 75c., 25 \$1.40, 50 \$2.50, 100 \$4.00.

### Brussels Sprouts.

A species of Cabbage producing immature heads from sides of the stalk. Ready for delivery about June 15. Doz. 30c., 100 \$2.00.

### Cabbage Plants.

Plants should be set about 2½ to 3 feet apart each way.

	April and May delivery	100	1000
Copenhagen Market.....		\$1.50	\$12.00
Early Jersey Wakefield.....		1.50	12.00
	June and July delivery.		
Stone-Mason Drumhead.....		1.00	8.00
Globe Curled Savoy.....		1.00	8.00
Large Red Drumhead.....		1.00	8.00

### Cauliflower Plants.

Early Snowball. Plants should be set 2½ to 3 ft. apart each way.

	Doz.	30c.,	100	1000
May delivery.			\$2.00,	\$15.00.
June and July delivery.			100 \$1.75,	1000 \$12.00.

### Celery.

	100	1000
Boston Market.....	\$1.00	\$8.00
Giant Pascal.....	1.00	8.00
Paris Golden Early (Self Blanching).....	1.00	8.00

### Chives.

For flavoring.

Per bunch 25c., doz. \$2.50.

### Egg Plants.

Ready for delivery the latter part of May and June.

New York Improved. Pot-grown. Doz. \$1.25, 100 \$9.00.

### Horse-Radish Sets.

Doz. 25c., 100 \$1.50, 1000 \$12.00. By mail, doz. 30c.

If wanted by Parcel Post add 10c. per 100. See page 24.

### Lettuce.

Black-Seeded Tennis Ball. May

Doz. 20c., 100 \$1.25, 1000 \$8.00.

### Pepper

Ready for May and June.

	Loose Plants		Pot Grown	
	Doz.	100	Doz.	100
Large Bell.....	\$0.30	\$2.00	\$0.60	\$3.50
Squash.....	.30	2.00	.60	3.50

### Rhubarb Roots.

	Each	Doz.
Small Roots.....	\$0.15	\$1.50
Medium Roots.....	.25	2.50
Extra Large.....	.50	5.00

### Sweet Potatoes.

Yellow Nansemond. Will grow in quite ordinary soil with a light coat of manure and yield a large crop. If on good soil they will produce many specimens weighing from 3 to 5 lbs. each. An early variety, well adapted for cultivation in the Northern States. Doz. 30c., 100 \$1.50

## Tomato Plants

We make a specialty of growing Tomato plants and can furnish the following varieties after May 10 in fine, strong, stocky plants.

Plants sent by express only, purchaser paying transit.

#### POT-GROWN

Doz. \$1.00, if packed for shipment by express, doz. \$1.10, 100 \$7.50.

John Baer, Golden Queen, Stone, Bonny Best, Ponderosa and Belmont.

SMALL FRUITED VARIETIES. Yellow Plum, Strawberry, Pear Shaped.

#### BOX-GROWN, or FROM BEDS

Doz. 50c. If packed for shipment by express, doz. 60c., 100 \$3.50.

Dwarf Stone, Dwarf Champion Stone, and Bonny Best.

Prices per 1000 quoted on application

## FARM SEEDS

Prices on this page variable during the season. Ask for quotations in large quantities. Bags charged at cost; see inside front cover.

Too much emphasis cannot be laid upon the importance of selecting the purest seed obtainable. Clean seed means clean crops. It is economy to buy the best, for results will justify the slight increase in cost over cheaper grades. The crop is what counts.

At the time our catalog goes to press it is quite impossible to accurately gauge future values, for the prices of Grasses and Grains fluctuate greatly and are always governed by market conditions. Write us for prices when you are ready to buy. Customers may, if they choose, without waiting for a quotation, place their orders with full confidence of fair prices consistent with the high grade of seed we distribute.

### Barley.

Chevalier. A light colored kernel, seed is grown in Minnesota. It is generally recognized as the most reliable variety sold under all conditions. It is early, has a stiff straw, bearing up under plump heads of large grain.

6 lbs. 40c., 12 lbs. 75c., 48 lbs. \$2.50.

### Beardless.

The earliest and hardiest of all. May be sown early in the Spring without danger from frost. The straw is heavy and stands up under a heavy crop. Being beardless it can be handled and threshed as easily as Oats. It is of much more value than common Barley for stock as it can be fed without danger of injury to the animals. Crops always show some bearded plants although our strain is exceptionally fine. Sow about 100 lbs. per acre. 6 lbs. 40c., 12 lbs. 75c., 48 lbs. \$2.50.

### Beans

Soja (Soja hispida; Glycine hispida). A valuable legume that makes an ideal crop for plowing under to improve worn out soils. Excellent also as ensilage and green fodder, being rich in protein. Thrives during hot and dry weather. Sow in June at the rate of 30 lbs. per acre, in drills 30 inches apart.

### Medium Early Green.

Lb. 20c., 7½ lbs. \$1.00, 15 lbs. \$1.75, 60 lbs. \$6.00.

### Mammoth Yellow.

Lb. 20c., 7½ lbs. 75c., 15 lbs. \$1.25, 60 lbs. \$4.00.

Mulford Cultures, for inoculation of Beans, see page 164.

### Buckwheat

A desirable and profitable late Summer crop. Easily grown either as a green manure crop, for bee pasture, or for grain. Sow after June 15th, using 50 to 60 lbs. per acre.

Japanese. The most desirable variety. If sown at the same time as the Silver Hull it will ripen earlier and yields nearly double the amount. It is of much stronger growth than the common Buckwheat and the kernels are fully twice the size.

Lb. 15c., 7 lbs. 60c., 15 lbs. \$1.00, 52 lbs. \$3.00.

Silver Hull. The seed is light gray color, varying slightly in shape.

Lb. 15c., 7 lbs. 60c., 15 lbs. \$1.00, 52 lbs. \$3.00.





Hungarian Millet



Japanese Millet



Golden Millet

Barley

**FARM SEEDS—Continued**

**Broom Corn, Improved Evergreen.** The most popular variety of Broom Corn grown for market. The brush is of good length and retains the light green color when properly cured; shows almost no red color.

Lb. 15c., 5 lbs. 60c., 15 lbs. \$1.50, 50 lbs. \$4.50.

**Kaffir Corn.** Has fine crop of foliage and if cut in early bloom the shoots that then follow will mature a full crop of seed and foliage. Both corn and fodder are excellent and the whole stock tender to full maturity of seed.

Price on application.

**Millet** One of the most important "catch" forage crops that can be grown. Is palatable to stock, nutritious, grows quickly, crops heavily, and is much in favor among dairymen. Thrives best on a deep, rich, warm soil.

**Golden or German.** We have found the Southern grown Golden Millet far superior in quality and yield to the Northern grown seed and will produce an enormous yield of nutritious food. Succeeds in almost any soil. Sow in May or June, 50 lbs. to the acre.

Lb. 15c., 5 lbs. 60c., 15 lbs. \$1.50, 50 lbs. \$4.00.

**Hungarian (Panicum Germanicum).** Probably used more than any other Millet for fodder during the Summer months. Remains green when almost all other vegetation has dried up. It is one of the very best plants for green fodder or for ensilage; makes hay of the best quality. Sow broadcast about 50 lbs. to the acre.

Lb. 15c., 5 lbs. 60c., 15 lbs. \$1.50, 50 lbs. \$4.00.

**Japanese Barnyard Grass (Panicum Crus-galli).** Succeeds in almost any ordinary soil and may be sown from the middle of May to the first of July. Is distinct from other varieties. Enormous crop, grows from 6 to 8 feet high. Excellent either green or cured for hay. Exceedingly popular as a forage plant. Twenty-five pounds will sow an acre.

Lb. 20c., 5 lbs. 75c., 15 lbs. \$1.80, 50 lbs. \$5.75.

**Seed Oats Selected.** An Oat of strong growth, ripening comparatively early. The heads are of good size, while the clean straw is stiff and bright. The essential point in successful Oat growing is to have a variety with stiff, strong, heavy straw and one that will withstand heavy winds. The grains are of good color, thin hull and heavy meat. This variety does well in our Eastern climate, particularly in dry seasons. Sow 100 lbs. per acre.

Lb. 10c., 4 lbs. 35c., 8 lbs. 60c., 32 lbs. \$1.85.

**Swedish Selected.** A variety in favor with a number of Experiment Stations that endorse it very highly and are very free to recommend these Oats as one of the best they have ever grown. It is the best drought-resisting Oat on record. The straw is stiff and strong as well as bright and clean. This selection has a thin hull, heavy meat and soft nib. Whether for home consumption or for market, it is a variety we highly recommend.

Lb. 10c., 4 lbs. 35c., 8 lbs. 60c., 32 lbs. \$1.85.

Bags are charged at cost. See inside front cover.

**Peas Canada Field.** Valuable in Northern climates for cattle feeding, especially for milch cows. Also makes ensilage of fine quality. Usually sown broadcast and harrowed in at the rate of 150 lbs. per acre.

Lb. 15c., 7½ lbs. 90c., 15 lbs. \$1.75, 60 lbs. \$6.00.

**Cow Peas.** Each year the demand for Cow Peas increases, as the farmers find they are of great value as a soil enricher. Cut green they make excellent hay when treated the same as Clover, then the stubble with the new growth may be turned under as fertilizer. If Kaffir Corn is sown with the Cow Peas it holds the vines off the ground.

**Southern Black.**

Lb. 20c., 7½ lbs. \$1.00, 15 lbs. \$1.85, 60 lbs. \$6.50.

**Whip-Poor-Will.** Light brown, speckled dark brown.

Lb. 20c., 7½ lbs. \$1.00, 15 lbs. \$1.85, 60 lbs. \$6.50.

**Rape Dwarf Essex.** Of great commercial value as a forage for stock and poultry. It will thrive on almost all soils except light sandy and stiff clays, or where most of our common vegetables will succeed. For Summer crops seed should be sown in May, but for late Fall crops sowings may be made in June and July. The best results are obtained if sown in drills about 30 inches apart to allow for horse cultivation, using 2 to 4 lbs. per acre. Seed may also be sown broadcast, but only when weather is moist enough that the soil will not dry too deep. It is usually ready for cutting in eight to ten weeks' time from seeding, and it is advisable to cut for cattle rather than turn them into a field; poultry may be turned into it to feed as soon as it has made sufficient growth. An exceptionally fine green feed for sheep and swine.

Lb. 20c., 5 lbs. 75c., 15 lbs. \$2.00, 50 lbs. \$6.25.

**Rye Spring.** For a catch crop this is best for sowing in the Spring, as you can obtain a crop by later sowing than any other grain, although it does not yield as large a crop of grain as the Winter Rye. Sow 60 to 90 lbs. per acre.

Lb. 15c., 7 lbs. 60c., 14 lbs. \$1.00, 56 lbs. \$3.75.

**Winter.** This should be sown in the Fall early enough to get a start and will stand our New England Winters. Ready for delivery in July. Ask for price.

**Sudan Grass A New Annual Forage Crop.**

Sudan Grass is a drought-resistant hay crop of great merit. In dry sections it yields more forage than Millet; the hay which is relished by stock of all kinds is of better quality than Millet hay. As a result of extensive tests the Department of Agriculture reports that Sudan Grass will be extremely valuable in arid regions which have no other satisfactory hay crops. After the ground has become warm, seed may be sown broadcast at the rate of from 16 to 24 lbs. per acre; if planted in drills 18 to 24 inches apart, from 4 to 6 lbs. per acre will be sufficient.

Lb. 20c., 5 lbs. 75c., 15 lbs. \$1.75, 50 lbs. \$5.25.



FARM SEEDS—Continued

**Sugar Cane** or **Sorghum, Early Amber.** Valuable for the large amount of foliage, green fodder it produces and for its grain. Ripens wherever Indian Corn matures.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.30, 50 lbs. \$3.75.

**SUNFLOWER, Mammoth Russian.** This is the best variety for a farmer to grow; it reaches double the size of other sorts and yields twice as large a crop of seed, which is used largely for poultry as it has high feeding value

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.20, 50 lbs. \$3.60.

**Vetch, Spring, or Tares** (*Vicia sativa*). In New England the Spring Vetch is hardy only in the southern part. It is excellent for Spring sowing and has a large yield of nutritious hay as well as being especially adapted as a soil improver and nitrogen gatherer. As the seed of the Spring Vetch is larger than the Winter, it will not go so far in seeding and is sold at a lower price. If sown broadcast sixty to one hundred pounds to the acre.

Lb. 20c., 5 lbs. 75c., 15 lbs. \$1.95, 50 lbs. \$6.00, 100 lbs. \$11.50.

**Winter, or Hairy Vetch** (*Vicia villosa*). Sand or Hairy Vetch is becoming more popular with those who wish to grow more forage, for it is especially adapted as a soil fertilizer. It succeeds and produces a good crop on poor, sandy soil as well as on good land, and is perfectly hardy. The root growth is very extensive and makes a quantity of nitrogen tubercles. Sow from July to November broadcast at the rate of from twenty to thirty pounds to the acre, with one bushel of Oats or Rye, for either will assist in holding the Vetches off the ground, allowing a better growth and earlier harvesting. If sown alone thirty to forty pounds per acre should be used.

Price on application.

**Wheat, Spring, Saskatchewan.** In the West where Wheat is grown largely this is pronounced by all the milling kings to be the largest yielder. Fifty bushels to the acre is not an uncommon yield. Sow 90 to 120 lbs. per acre.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.30, 50 lbs. \$3.75.

**Marquis.** Matures extra early, has a heavy stalk not quite as tall as Red type, which makes it less likely to lodge. The heads are extra heavy and beardless, producing a large, plump, dark red flinty kernel.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.30, 50 lbs. \$3.75.

**Winter.** For Fall sowing. Klondyke White and Red Clauson.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.30, 50 lbs. \$3.75.

**Wild Rice.** (*Zizania aquatica*). Valuable as a forage plant for swamps, but chiefly as an attraction for water fowl. Before sowing soak in water twenty-four hours, sowing in water from six inches to five feet deep. This can be supplied only in the Fall, September or October. Price on application.

## Mulford Cultures

FOR LEGUMES

Legumes are a necessity on every farm

Legumes enrich the soil, for their roots gather immense quantities of nitrogen fixing bacteria, which take nitrogen from the air and leave it in the soil in a form readily available for growing crops. Nitrogen is the most expensive chemical to buy in fertilizer. Why not make use of this cheap source and encourage their growth by the use of **Mulford Cultures**, the standard brand, that improve your crops.

¼-Acre size, 75c.; Acre size, \$1.50;  
5-Acre size, \$5.00.



Rye

Oats

Hairy Vetch

Soja Beans

## Bird Seeds

Prices subject to variations of the market. If wanted by mail, add postage at Parcel Post rates.

**Canary, Sicily.** Selected. Lb. 15c.

**Hemp, Russian.** First quality. Lb. 15c., 3 lbs. 40c.

**Rape, German.** Small-seeded. Lb. 15c., 3 lbs. 40c.

**Rice, Unhulled, or Paddy.** Choice re-cleaned seed. Lb. 15c., 3 lbs. 40c.

**Lettuce.**

**Millet.**

**Sunflower, Mammoth Russian** Lb. 15c., 2 lbs. 25c.

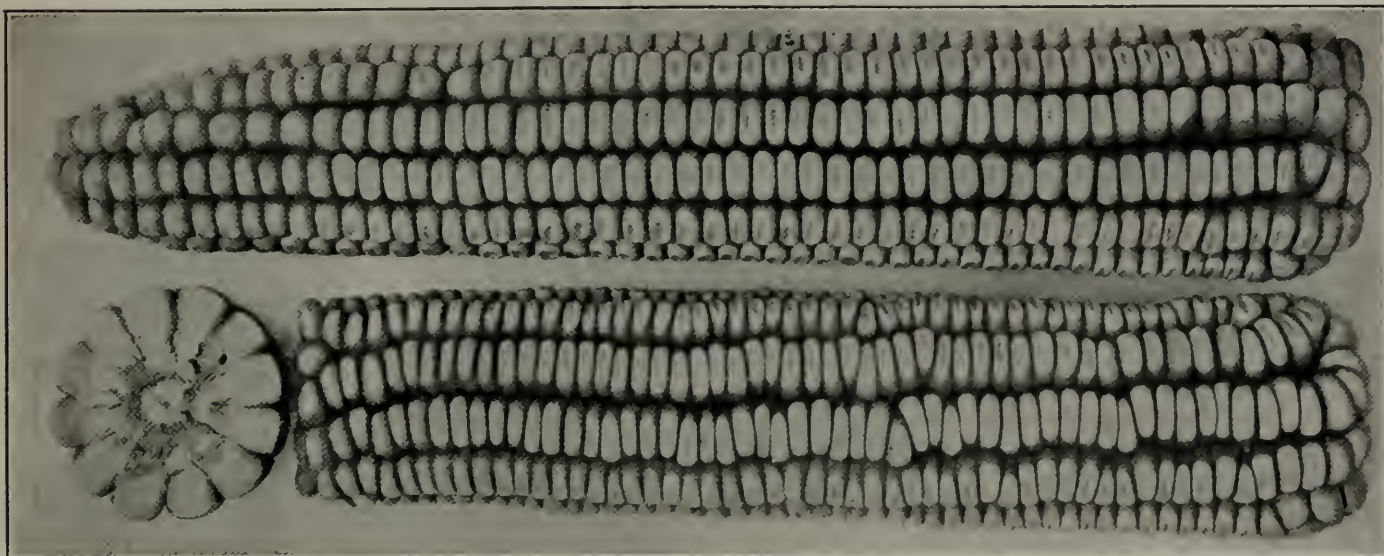
**Mixed Bird Seed.** Canary, Hemp, Rape and Millet. Lb. 15c., 2 lbs. 30c.

**Parrot Seed.** Lb. 15c., 3 lbs. 40c., 8 lbs. \$1.00.

See also Poultry, page 173.



## FARM SEEDS—Continued

Eureka Ensilage Corn,  $\frac{1}{2}$  Natural Size

## Field, Ensilage and Fodder Corn

Prices on Corn at our store, purchaser to pay the transit. Cloth bags for shipping Corn, Grain, Grass Seeds, etc., are charged at cost. See inside front cover.

**FLINT VARIETIES**

**Early Canada.** Very early, ears medium size, usually ripens in August. Ripens well in the Northern States; a popular New England variety.

Lb. 20c., 7 lbs. 75c., 14 lbs. \$1.25, 56 lbs. \$4.00.

**Longfellow.** Very largely grown in New England; is eight-rowed, yellow kernel and good size. Cob is quite small and ears are from 10 to 15 inches long. Ripens excellently in Massachusetts.

Lb. 20c., 7 lbs. 75c., 14 lbs. \$1.25, 56 lbs. \$4.00.

**Sanford.** White. It is early, ears large with a small cob and broad kernel. Very prolific and excellent quality. In some sections grown largely for ensilage Corn on account of its foliage.

Lb. 20c., 7 lbs. 75c., 14 lbs. \$1.25, 56 lbs. \$4.00.

**Stickney's** The Prize Winner Strain. On a measured field of nine acres, the harvest was 819 $\frac{3}{4}$  bushels, an average of over 91 bushels per acre. The ear is much thicker than the Longfellow, cob is small, usually eight rows of kernels, although sometimes it has 12 rows. The stalks grow about as high as the Longfellow, but the crop matures earlier. We believe it to be one of the largest yielding varieties of Flint Corn.

Lb. 20c., 7 lbs. 85c., 14 lbs. \$1.35, 56 lbs. \$5.00.

**SWEET CORN FOR FODDER**

**Stowell's Evergreen.** (For Fodder). A Sweet Corn too well known to need any description.

" 6 lbs. 90c., 12 lbs. \$1.60, 50 lbs. \$5.85.

**Sugar Corn for Green Fodder.** We find many of our farmers favor this for ensilage purposes owing to the large percentage of saccharine matter in the stalks. To cut up and use for Corn fodder in the Fall there is nothing better. Especially good because of its thick growth and early maturity. Usually sown in drills for early Summer and Fall Corn at the rate of two bushels per acre in drills 4 feet apart.

6 lbs. 85c., 12 lbs. \$1.40, 50 lbs. \$4.00.

**DENT VARIETIES**

In many localities in New England the Dent varieties have been grown very successfully. It is a fact that the yield is practically double that of the Flint varieties. We would recommend a part of your plantings of Field Corn to be of the Dent varieties.

**Brewer's Yellow Dent.** Strictly a New England variety, that we have no hesitancy in recommending, for it has overcome all of the difficulties of ripening this Corn here in New England. This Corn was awarded First Grand

Champion Prize at the Corn exhibit in Omaha; the yield from a measured acre was 133 $\frac{1}{3}$  bushels of shelled corn and a large amount of fodder.

Lb. 20c., 7 lbs. 85c., 14 lbs. \$1.25, 56 lbs. \$4.00.

**Excelsior Ensilage**

A variety that will mature quicker in our New England climate than any other variety of recent introduction. The stalks are tall and sturdy, attaining a height of 12 to 15 feet, with dense foliage. The yield in some instances has been as high as 29 tons of silage per acre, but is usually 20 to 25 tons per acre under ordinary cultivation after taking from 150 to 175 bushels of ears. It usually matures in 80 to 90 days to the glazed state, while in some Eastern states seed stock has been produced. Being a hybrid, the seed does not run uniform as to color, some showing red and white kernels as well as yellow, which predominate.

Lb. 20c., 7 lbs. 85c., 14 lbs. \$1.35, 56 lbs. \$5.00.

**Eureka Ensilage**

The tallest and best ensilage Corn; producing more valuable material for the silo than any other, and is also very productive of ears. Eureka is a choice selection of Southern Corn, and in its native latitude has shelled out 100 bushels to an acre. Its value is due to its enormous growth and great production of leaves and ears. Grows 12 to 15 ft. tall. Our seed of this popular white Dent sort has always given satisfaction.

Lb. 20c., 7 lbs. 75c., 14 lbs. \$1.25, 56 lbs. \$4.00.

**Leaming Improved.** One of the most popular and productive varieties, bearing, as a rule, two good ears on each stalk. The ears are long, with small, red cobs, well filled with kernels of medium size and rich golden color. It will ripen in from 100 to 110 days, and makes a good crop even in a dry season. Very strong and vigorous; the stalks are very leafy, making an excellent fodder; the kernels are so deep that it is an extra large yielder. We recommend it highly.

Lb. 20c., 7 lbs. 75c., 14 lbs. \$1.25, 56 lbs. \$4.00.

**Minnesota No. 13.** A heavy yielding, very early yellow variety, maturing in 90 days of corn growing weather. Grows to a height of 8 feet, furnishing a great amount of fodder. The ears are 8 inches long, with 16 rows of fairly deep kernels.

Lb. 20c., 7 lbs. 75c., 14 lbs. \$1.25, 56 lbs. \$4.00.

**Virginia Mammoth White.** There is a great variety of white Corns from the South sold under various names. Our stock is produced in Virginia, and we have had excellent satisfaction with this variety. It grows large, plenty of foliage, excellent for either fodder or ensilage.

Lb. 20c., 7 lbs. 60c., 14 lbs. \$1.00, 56 lbs. \$3.50.

Prices subject to change without notice.



# GRASS SEEDS

## For Pasture, Meadow and Lawn

Prices on this page variable during the season. Ask for quotations in large quantities.

Bags charged at cost; see inside front cover.

Too much emphasis cannot be laid upon the importance of selecting the purest seed obtainable when laying down or renovating your meadow, pasture or lawn. Clean seed means clean crops. It is economy to buy the best, for results will justify the slight increase in cost over cheaper grades. The crop is what counts.

At the time our catalog goes to press it is quite impossible to accurately gauge future values, for the prices of Grasses and Grains fluctuate greatly, and are always governed by market conditions. Write us for prices when you are ready to buy. Customers may, if they choose, without waiting for a quotation, place their orders with full confidence of fair prices consistent with the high grade of seed we distribute.

**AWNLESS BROME GRASS** (*Bromus inermis*). A very hardy perennial of great value on poor and dry soils. Especially recommended for pastures, as it starts early in the Spring and stands trampling well, forming as it does a very tough sod. The hay is nearly equal to Timothy in palatability, and is relished by all kinds of stock, if cut just before flowering. If sown alone use 20 to 30 lbs. per acre. **Price on application.**

**BEACH GRASS** (*Ammophila arundinacea*). Valuable on the sandy seashore, canal and railway banks, etc. Its strong, creeping, matting roots bind the drifting sand into natural embankments against the action of wind and waves. Height, 2 to 3 ft. Crop uncertain.

**Price on application.**

**CREEPING BENT** (*Agrostis stolonifera*). Especially adapted to sandy situations, and should be the foundation of mixtures for pastures and lawns in such locations. The long prostrate, creeping stems are useful for binding shifting sands or banks subject to wash. Early to start in the Spring. Flowers in July. Grows 1 to 2½ ft. high. If alone, sow at the rate of 15 to 30 lbs. per acre.

**Price on application.**



Creeping Bent

**CRESTED DOG'S TAIL** (*Cynosurus cristatus*). A slightly tufted perennial grass which makes a low, dense growth early and stands hard wear. Is rarely sown alone, being generally used in lawn grass mixtures, for either sun or shade. Attains 1 to 2 ft. Desirable for hard, dry soils. Good for sheep pastures

**Lb. 50c., 5 lbs. \$2.45, 15 lbs. \$7.20, 50 lbs. \$23.00.**

**ENGLISH RYE GRASS** (*Lolium perenne*). Considerably used in permanent pasture and lawn mixtures. If used for hay it should be cut when in blossom. It cures into a hay that is rather hard, but it is sweet, and is much relished by horses and cattle. Germinates quickly, producing a strong growth in four to five weeks after sowing, and tillers out close to the ground. It does best where the soil is not too dry. Biennial in habit. 1 to 2 ft. in height. Alone, use 40 to 60 lbs. per acre.

**Lb. 25c., 5 lbs. \$1.00, 15 lbs. \$2.70, 50 lbs. \$7.25.**

**HARD FESCUE** (*Festuca duriuscula*). A slender, densely tufted perennial grass, 1 to 2 ft. high. Thrives on dry, sandy soils. Sow 30 lbs. to the acre.

**Lb. 45c., 5 lbs. \$2.15, 15 lbs. \$6.30, 50 lbs. \$20.50.**

**ITALIAN RYE GRASS** (*Lolium italicum*). A biennial variety, 1½ to 3 ft. high, flowering in June, at which time it should be cut for the best hay. It thrives on a variety of soils, but prefers moist, rich land. Starts quickly and seems to be especially adapted for pasture mixtures of short duration. Sow at the rate of 40 to 50 lbs. per acre.

**Lb. 25c., 5 lbs. \$1.00, 15 lbs. \$2.70, 50 lbs. \$7.25**

**MEADOW FESCUE** (*Festuca elatior*). A valuable hay or pasture grass. It will thrive in wet and moist clay lands; a rapid grower, tending to keep down coarser grasses which frequent such localities, forming a thick sod which will stand the trample of cattle. When sown alone, 40 lbs. are required for one acre.

**Lb. 45c., 5 lbs. \$2.15, 15 lbs. \$6.30, 50 lbs. \$20.50.**

**KENTUCKY BLUE GRASS** (*Poa pratensis*). Sometimes called "June Grass." Without a rival as a pasture grass. Who has not heard of the famous pastures of the "Blue Grass" regions of Kentucky? Being of the perennial habit and with a creeping permanent stem, it will, when once established, last indefinitely, although it is somewhat slow to start and makes a rather slow growth the first year. Permanent pastures should not be grazed too closely at first. For lawns it is the main reliance, being adapted to a wide range of soils, failing only on those that are acid. Where it will not grow it is usually a sign that the land needs lime. It is a strong growing grass and generally crowds out the others in a few years, which is desirable for it possesses more good qualities than any other which can enter into a mixture. It makes a good, firm sod, and is particularly suited for turving the slopes of terraces and embankments where the soil is good. Sow early enough in the Spring so that the grass will get a sufficient hold to resist the heat and drought of Summer; or, if sown in the Fall, the seeding should be in the latter part of August or early in September. If sown at that time, the Fall rains will cause the seed to germinate quickly; if sown much later it is liable to be killed by frost. When sown alone, 30 to 40 lbs. required for one acre.

**Lb. 40c., 5 lbs. \$1.90, 15 lbs. \$5.60, 50 lbs. \$18.00.**






Timothy

Red Top

Kentucky Blue Grass

Red Clover

**GRASS SEEDS**—Continued  Prices on this page variable during the season.

**MEADOW FOXTAIL** (*Alopecurus pratensis*). Its chief use is as a pasture grass on moist clay soils, being valuable because of its early and rapid growth. Eaten with a relish by all kinds of stock. It stands close grazing very well and is very desirable for sheep pasture on this account. Sow 15 to 25 lbs. per acre.

Lb. 50c., 5 lbs. \$2.45, 15 lbs. \$7.20, 50 lbs. \$23.00.

**ORCHARD GRASS** (*Dactylis glomerata*). It is very satisfactory for the meadow when sown with other grasses, the hay being very nutritious, but it should be cut when in blossom, maturing as it does about the same time as Red Clover. It is not suitable to sow alone, because of its tufted habit. Especially adapted for shady places, particularly in orchards, and wood lot pastures. Orchard Grass will grow on almost every soil not saturated with water. It is usually sown in the Spring, but under favorable conditions may be sown in the Fall. 30 to 40 lbs. of seed are required per acre.

Lb. 35c., 5 lbs. \$1.50, 15 lbs. \$3.05, 50 lbs. \$13.00.

**RED FESCUE** (*Festuca rubra*). Of creeping character and because of its deep rooting tendency stands droughts remarkably well. Forms a close sod even in inferior soils, gravelly banks and hillsides. Sow 25 lbs. per acre.

Lb. 40c., 5 lbs. \$1.85, 15 lbs. \$5.10, 50 lbs. \$16.50.

**ROUGH-STALKED MEADOW GRASS** (*Poa trivialis*). Highly esteemed in mixtures for permanent pastures. It is perennial. Succeeds best in soil rather moist and cool. 20 lbs. to acre.

Lb. 75c., 5 lbs. \$3.55, 15 lbs. \$10.50, 50 lbs. \$34.00.

**SHEEP FESCUE** (*Festuca ovina*). Is well adapted for cultivation on light, dry soils, especially those which are shallow. Sow 35 lbs. to the acre.

Lb. 40c., 5 lbs. \$1.90, 15 lbs. \$5.60, 50 lbs. \$18.50.

**SWEET VERNAL, ANNUAL** (*Anthoxanthum odoratum puelli*). Much smaller than the perennial, and of much less value, lasting one year only. 20 to 25 lbs. to acre.

Lb. 45c., 5 lbs. \$2.00, 15 lbs. \$5.70, 50 lbs. \$19.00.

**SWEET VERNAL, TRUE PERENNIAL** (*Anthoxanthum odoratum*). One of the earliest pasture grasses. Good also for lawn mixtures lending fragrance when the lawn is freshly cut. Sow 2 to 5 lbs. per acre in a mixture.

Lb. 65c., 5 lbs. \$3.15, 15 lbs. \$9.00, 50 lbs. \$27.00.

**TALL MEADOW FESCUE** (*Festuca elatior*). Tall and coarse. Height 3 to 4 ft. Does best on rich clay loam where it is very productive. Good for permanent pastures. 40 lbs. of seed are required per acre.

Lb. 45c. 5 lbs. \$1.95, 15 lbs. \$5.55, 50 lbs. \$18.00.

**TALL MEADOW OAT GRASS** (*Avena elatior*). Most valuable for pastures on account of its early and luxuriant growth. Withstands extreme drought and heat or cold. 50 lbs. to the acre. Prefers sandy loam.

Lb. 45c., 5 lbs. \$2.00, 15 lbs. \$5.85, 50 lbs. \$19.00.

**TIMOTHY, or HERD GRASS** (*Phleum pratense*). The standard hay of commerce. The excellent quality of the hay and the ease of culture make it valuable. It is adapted to most soils, but succeeds best on moist loam and clay. The most profitable crops are obtained the first and second seasons. Timothy should be cut after the seed has formed and in full milk and at least 4 in. above ground. Sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover. It may also be sown with Wheat, Oats, or Barley. Prices fluctuate.

Lb. 20c., 5 lbs. 75c., 15 lbs. \$1.95, 50 lbs. \$6.00.

**VARIOUS-LEAVED FESCUE** (*Festuca heterophylla*). Grows naturally in open woodlands or along their borders. It makes its best growth on low-lying lands not too dry. Sow 40 lbs. to the acre.

Price on application.

**WATER MEADOW GRASS** (*Poa aquatica*). For wet situations this is very useful, growing well in marshes or on margins of lakes, streams, etc.

Price on application.

**WOOD MEADOW GRASS** (*Poa memorialis*). Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold. 30 lbs. to the acre.

Price on application.

**RED TOP** (*Agrostis vulgaris*). It succeeds in a great variety of locations, giving very good results on light soils, and the very best on heavy, moist soils or lowlands liable to overflow, which are so apt to be sour and acid. It does not thrive on sandy or leachy soil. A great favorite throughout New England. The first year it grows somewhat slowly, spreading by creeping root stocks. Attains 1 to 2½ ft. in height. Maturing at about the same time as Timothy it is used considerably with it and Red Clover, to make a heavier yield of hay. Cut when in bloom in July. Red Top makes a splendid grass for lawns, and is very commonly used with White Clover and included in mixtures. 14 to 16 lbs. of fancy re-cleaned seed is the usual rate of seeding, but if in the chaff double the quantity.

Fancy Cleaned.

Lb. 30c., 5 lbs. \$1.35, 15 lbs. \$3.60, 50 lbs. \$11.60.

Unhulled.

Lb. 15c., 5 lbs. 65c., 15 lbs. \$1.80, 50 lbs. \$5.50.

**RHODE ISLAND BENT** (*Agrostis canina*). Will thrive on poorer soils than Creeping Bent which it closely resembles. Use 15 to 30 lbs. per acre.

Lb. 60c., 5 lbs. \$2.85, 15 lbs. \$8.40, 50 lbs. \$27.50.



Meadow Fescue



# CLOVER

Prices on this page variable during the season. Ask for quotations in large quantities

**ALFALFA** (*Medicago sativa*). Alfalfa is the mainstay of the cattle farmer, particularly of the dairyman. It requires a deep, fertile, well drained soil, rich in lime and free from weeds. The lack of any one of these may be the cause of failure. Well-rotted barnyard manure is a suitable fertilizer. Do not use fresh manure as it produces too many weeds. The young plants are very tender and if weeds are plentiful they will kill them out. Special care should be taken in preparing the soil. Land should be ploughed deep, harrowed and brushed and allowed to settle for some time before sowing. Alfalfa succeeds best if planted in late Summer and should be sown as far as possible in advance of what promises to be the most trying time for seedlings. Seed should be covered from three-quarters of an inch to one inch deep. Inoculation is one of the most favorable methods of securing a stand. (We recommend the use of "Mulford Cultures" for this inoculation). All of our seed is northern grown and domestic. We do not handle foreign Alfalfa in any way, as much of it contains dodder and trefoil, the worst enemies of this crop. For one acre, use 20 to 25 lbs. seed.

Lb. 35c., 5 lbs. \$1.50, 15 lbs. \$4.35, 50 lbs. \$14.00.

**Grimm Alfalfa.** The Northern Minnesota Alfalfa which is recognized as the very best selected sort for New England.

Lb. \$1.00.

**ALSIKE** (*Trifolium hybridum*). Intermediate in size between Red or White Clover, attaining 1 to 1½ ft. An excellent variety in mixtures for meadows or pastures. Never used for lawns. It is adapted to low, wet soils where other clovers cannot be grown with success. Very hardy and stands the extremes of our climate with the minimum of winter killing. The hay is nearly equal to Alfalfa in feeding value. To seed an acre alone, use 15 lbs. Lb. 45c., 5 lbs. \$1.95, 15 lbs. \$5.55, 50 lbs. \$18.00.

**CRIMSON CLOVER** (*Trifolium incarnatum*). Although an annual that will not stand the winters of New England, its uses are many and it is most valuable. It is excellent as a green manure crop, and is one of the very best crops for soil renovation. When used for hay it should be cut when coming into bloom. Properly cured it is richer in protein than Red Clover, and is very desirable for growing stock. It makes a fine cover crop for orchards, it being estimated that a good crop plowed under is worth 20 tons of stable manure per acre. While it makes its best growth on good loams, it will do better on poor soils than Red Clover. The best results are obtained from seed sown during July and August. 20 lbs. of seed are required per acre. Lb. 20c., 5 lbs. 80c., 15 lbs. \$2.25, 50 lbs. \$7.00.

**MAMMOTH CLOVER.** A species of Red Clover commonly known as "Salping," "Pea Vine," "Bull," or "Perennial" Clover. It matures about two weeks later than the ordinary Red variety and is the preferable sort for New England. Mammoth Clover and Timothy are useful for seeding together on account of their blooming at the same time, and for the increased weight per acre over the ordinary Red Clover. Blooming late as it does, it has an advantage over the Red on account of the insect pests which injure the early flowering Clovers, and when used on poor soils produces better results than either Red or Alsike Clover. When grown for hay, cutting should take place when in early bloom before the stems become woody. Particularly valuable as a soil improver because of the heavy growth that can be plowed under. Seed required for one acre, 15 lbs.

Lb. 40c., 5 lbs. \$1.70, 15 lbs. \$4.95, 50 lbs. \$16.00.

**RED CLOVER** (*Trifolium pratense*). The principal leguminous crop the country over, it being used for both hay and pasture. It can profitably be used as a soil improver, because of its ability to build up the supply of nitrogen in the soil through the bacteria which live on its roots. Red Clover will not succeed on poorly drained or boggy soil but will produce abundantly on any soil adapted to Corn. It grows poorly on soils deficient in lime. It may be seeded in the early Spring or in the Fall. If in the Spring, the best time for sowing is when the ground is freezing and thawing, while in the Autumn sow about six weeks before frost. It is frequently sown for hay with other grasses, a good combination being 5 lbs. of Red Clover, 15 lbs. of Timothy, and 5 lbs. of Red Top. The best results to be obtained for hay is to cut when just past full bloom, containing at this time the maximum of protein and dry matter. Quantity required to seed one acre, 15 lbs.

Lb. 40c., 5 lbs. \$1.70, 15 lbs. \$4.95, 50 lbs. \$16.00.

**SWEET CLOVER** (*Melilotus albus*). A biennial, whose great value as a soil renovator has only recently made it

popular. Nothing can be grown as a crop previous to Alfalfa with better results than White Sweet Clover, for it not only inoculates the soil but does much toward breaking up and aerating the subsoil. While it produces abundantly on good soils, it will thrive on most soils too poor for other crops. Where lime is deficient it should be supplied, however. While it has a value for either hay or pasture, it does not compare with other varieties of Clover. As a honey plant it is much in favor, remaining in bloom as it does for a long period. Sweet Clover succeeds best when sown alone at the rate of 30 lbs. per acre, either in the Spring or Fall. To eradicate, mow it when in full bloom that it may not reseed itself.

Lb. 30c., 5 lbs. \$1.35, 15 lbs. \$3.90, 50 lbs. \$12.00.

**WHITE CLOVER** (*Trifolium repens*).

Also called White "Dutch" Clover or Lawn Clover. Essentially a pasture grass, but it is a favorite with many because of the beauty of its pinkish blossoms that dot a lawn here and there when used in lawn mixtures. It makes its best growth during wet seasons and on heavy moist soils, but it will thrive almost anywhere if not too dry. Extreme drought may cause it to disappear for a time but it usually makes a luxuriant growth again with the return of rains. Being of a low creeping habit, White Clover makes a dense, quickly spreading growth of a pleasing smoothness, but it cannot stand rough usage. Extensively used for bees, making

the best quality of honey. As the seed is fine and the amount used by any individual is small, it is poor economy to try to save a few cents on its cost. Get the best. 8 to 10 lbs. will sow an acre.

Lb. 80c., 5 lbs. \$3.90, 15 lbs. \$11.55, 50 lbs. \$38.00.

## Clovers are a Necessity on Every Farm.

Clovers enrich the soil, for their roots gather immense quantities of nitrogen fixing bacteria, which take nitrogen from the air and leave it in the soil in a form readily available for growing crops. Nitrogen is the most expensive chemical to buy in fertilizer. Why not make use of this cheap source and encourage their growth by the use of **MULFORD CULTURES**. The standard brand that improve your crops.

¼ acre size 75c., acre size \$1.50, 5 acre size \$5.00.







## Grass Mixtures For Permanent Mowing

Though many farmers so rotate their crops that permanency is not of great consideration, there are always locations that must remain permanent meadows. It is a known fact that failure is practically impossible when a mixture of grasses is sown. The crops will also be larger and more satisfactory when kinds are used that ripen together, hence our belief in the desirability of the following mixtures:

### Use on medium soil

2 lbs. Hard Fescue.  
6 lbs. Kentucky Blue.  
1 lb. Meadow Foxtail.  
4 lbs. Orchard Grass.  
4½ lbs. Perennial Rye.  
5 lbs. Red Top Fancy.  
½ lb. Sweet Vernal Perennial.  
17 lbs. Timothy.

40 lbs. will sow 1 acre.  
**\$13.00**

### Use on dry soil

3 lbs. Hard Fescue.  
5 lbs. Orchard Grass.  
2½ lbs. Perennial Rye.  
5 lbs. Red Top Fancy.  
1 lb. Rough Stalked Meadow.  
5 lbs. Sheep Fescue.  
½ lb. Sweet Vernal Perennial.  
4 lbs. Tall Meadow Oat.  
14 lbs. Timothy.

40 lbs. will sow 1 acre.  
**\$13.00**

### Use on heavy moist land

2 lbs. Creeping Bent.  
6 lbs. Kentucky Blue.  
3 lbs. Meadow Fescue.  
4 lbs. Orchard Grass.  
7 lbs. Perennial Rye.  
5 lbs. Red Top Fancy.  
1 lb. Tall Fescue.  
2 lbs. Tall Meadow Oat.  
10 lbs. Timothy.

40 lbs. will sow 1 acre.  
**\$14.00**

## Grass Mixtures For Permanent Pastures

These mixtures are composed of grasses that give a succession of rich pasturage from early Spring to late Fall. The formula for each has been prepared carefully, and we recommend it as being as correct as possible for the situation described.

### Use on medium soil

2 lbs. Hard Fescue.  
6 lbs. Kentucky Blue.  
2 lbs. Meadow Fescue.  
2 lbs. Meadow Foxtail.  
4 lbs. Orchard Grass.  
6 lbs. Perennial Rye.  
5 lbs. Red Top Fancy.  
1½ lbs. Sheep Fescue.  
½ lb. Sweet Vernal Perennial.  
3 lbs. Tall Meadow Oat.  
8 lbs. Timothy.

40 lbs. will sow 1 acre.  
**\$12.00**

### Use on dry soil

4 lbs. Creeping Bent.  
2 lbs. Hard Fescue.  
5 lbs. Orchard Grass.  
4 lbs. Perennial Rye.  
4 lbs. R. I. Bent.  
6 lbs. Sheep Fescue.  
½ lb. Sweet Vernal Perennial.  
4½ lbs. Tall Meadow Oat.  
10 lbs. Timothy.

40 lbs. will sow 1 acre.  
**\$15.00**

### Use on heavy moist land

4 lbs. Kentucky Blue.  
5 lbs. Meadow Fescue.  
1 lb. Meadow Foxtail.  
5 lbs. Orchard Grass.  
8 lbs. Perennial Rye.  
5 lbs. Red Top Fancy.  
1 lb. Rough Stalked Meadow.  
1 lb. Tall Fescue.  
10 lbs. Timothy.

40 lbs. will sow 1 acre.  
**\$13.50**

**Hints on Sowing.** Carefully prepare land. Pains taken before sowing will be amply repaid. Select a clear, calm day for sowing. Scatter the seed across the field in both directions to secure a more even distribution. Use a Cahoon Seeder if sowing large areas. (See page 167.) Its cost will be quickly saved. If seed is sown in the Spring it should be done early while the land is cool and moist. If in the Fall, as far in advance of frost as practicable. Remember that Clover seed is much heavier than other kinds of grass seed and will settle to the bottom in any mixture. If not carefully remixed before sowing it will be patchy. We recommend sowing 10 lbs. mixed Clover seed per acre in the Spring while the ground is honeycombed by frost.

**Purchaser pays transportation. Bags extra at cost.**





## FLOWER SEEDS

### STANDARD VARIETIES, NOVELTIES and SPECIALITIES

*The best for*  
**Florists and Gardeners**

The following abbreviations are used throughout our list:

- A. **Annuals.** Seed sown in Spring will flower and mature seed in one season.
- H.H.A. **Half-Hardy Annuals.** Seed should be sown in greenhouses or hotbeds during March and April and transplanted in open ground latter part of May.
- H.A. **Hardy Annuals.** Seed may be sown in the open during March and April and will endure ordinary weather to October.
- B. **Biennials.** Seed should be sown from June to August, flowering the next season. Seeds of many varieties, if sown in February, will flower same season.
- H.B. **Hardy Biennials.** May be treated same as Hardy Annuals, flowering next season.
- H.H.B. **Half-Hardy Biennials.** Seed should be sown in greenhouses or coldframes, transplanted in the open latter part of May and require protection during Winter.
- P. **Perennials.** Seed should be sown during July and August, flowering the next season and continuing to flower each succeeding year.
- H.P. **Hardy Perennials.** Do not require protection during Winter.
- H.H.P. **Half-Hardy Perennials.** Require slight protection of leaves or boughs during Winter months.
- G.P. **Greenhouse Perennials.** Require the protection of hothouse during Winter.
- G.A. **Greenhouse Annuals.** Require greenhouse temperature at all times and include such plants as Cineraria and Cyclamen.

## Suburban Wild Garden Mixture

Our mixture of seeds for the Wild Garden has gained great favor, and has proved a marked success with a great many of the amateur and professional gardeners by its particularly pleasing varieties, blooming so continuously throughout the Summer, and is composed of such varieties as will produce a most brilliant contrast of colors. To those who have usually planned for fancy and decorative flower gardens and carefully planned borders, and who know the volume of time and labor required, to have the best possible effect produced, we feel justified in recommending for use the "Suburban Wild Garden Mixture"; also to those who cannot give the required attention.

The beautiful results obtained from this mixture, and the little amount of time and labor required in the sowing of same, make this Suburban Wild Garden one of the most desirable and at the same time least expensive flower gardens.

This mixture is especially adapted for waste places, or rather corners and extra patches where weeds seem to predominate and nothing of value seems to find a place, and where the soil is moderately rich.

Suburban Wild Garden Mixture is composed of the best flowering annuals which are both for cut flower use and bedding effects and contains at least over two hundred varieties.

One of the pleasing features of this mixture is the fact that as the season advances, something different seems to come to bloom; something not looked for, indicating some later variety.

**TALL MIXTURE, SUBURBAN WILD GARDEN.** Pkt. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25.

**DWARF MIXTURE, SUBURBAN WILD GARDEN.** Pkt. 20c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25.

## Suburban Garden Collections

**Annual Collections.** During the Spring months we have daily many calls for a collection of Flower Seeds that do well in a small suburban garden and produce flowers from early Summer until frost.

These collections of annuals have been carefully selected from varieties which are easily grown and well adapted for small or large gardens, and which will give continuous bloom from early Summer till late Autumn.

Such annuals as **Sweet Peas, Nasturtiums, Asters, Phlox, Zinnia** and other well-known varieties are included in the following collections, and nothing but our best strains of seed are used.

**Collection of 20 Varieties.....\$1.25**

**Collection of 10 Varieties.....\$0.75**

**Perennial Collections.** As the demand is steadily increasing for the flowers which do not require planting each season, we have carefully prepared the following collections which will, without doubt, give excellent satisfaction to those interested in this class of beautiful plants.

We advise planting the seeds of perennials as early as June and July, thereby enabling the grower to obtain much stronger plants, which will become better established to withstand the Winter.

We include in the following collections such varieties as **Canterbury Bells, Columbine, Foxglove, Hollyhock, Larkspur, Lupins, Oriental Poppy, Pyrethrum, Sweet William.**

**Collection of 20 Varieties.....\$1.50**

**Collection of 10 Varieties.....\$0.85**



**Achillea.** (Sneezewort or Milfoil). H. P. Double. Daisy-like flowers; No. blooms from June till October. Pkt.  
30 **The Pearl.** Pure white, 2½ ft. ¼ oz. \$1.00 \$0.15

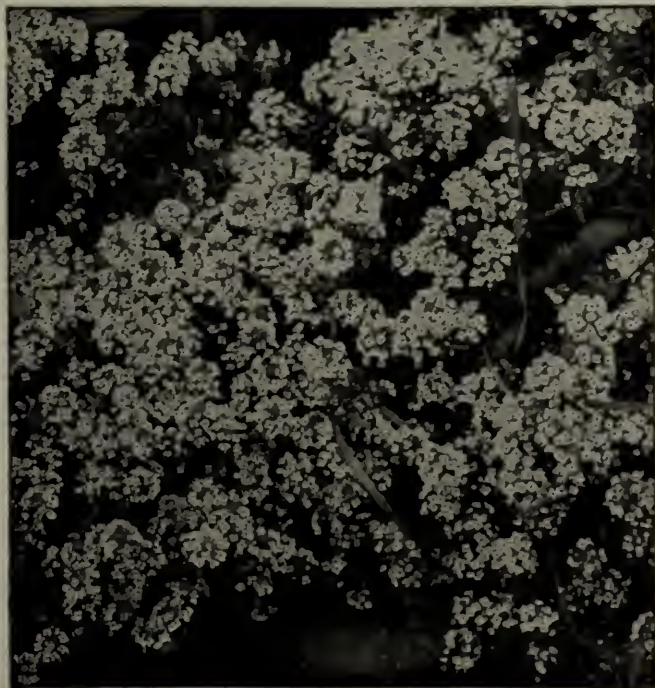
**Aconitum.** (Monkshood). H. P. Long spikes of helmet-shaped flowers; excellent for shady locations.  
40 **Finest Mixed.** 3 ft. ¼ oz. 35c. .05  
45 **Napellus.** Blue. 3 ft. ¼ oz. 50c. .10  
50 **Napellus albus.** White. 3 ft. ¼ oz. 40c. .10  
55 **Lycotomum.** Yellow 4 ft. ¼ oz. 60c. .10  
58 **Tauricum.** Dark violet. 3 ft. ¼ oz. 60c. .10

**Acroclinium.** (Everlasting). H. A. Extensively used as a dried flower for house decoration. They should be gathered before fully open and tops hung downward to dry.  
60 **album fl. pl. Double white,** 1 ft. Oz. 60c. .05  
65 **roseum.** Rose. 1 ft. Oz. 50c. .05  
70 **roseum fl. pl. Double-rose.** 1 ft. Oz. 50c. .05

**Adenophora.** H. P. Large flowers of light blue color, bell-shaped and of drooping habit.  
75 **Potanini,** 2 ft. .15  
**ADLUMIA** (Mountain Fringe). H. B. Excellent climber with fern-like foliage and bearing rosy-lilac flowers.  
80 **cirrrosa.** 15 ft. ¼ oz. 75c. .05

**Adonis.**  
85 **æstivalis** (Flos Adonis). H. A. Deep green foliage and scarlet flowers. ¼ oz. 25c. .10  
90 **autumnalis** (Pheasant's Eye). H. A. Flowers crimson, dark center. 1 ft. ¼ oz. 20c. .05  
95 **vernalis.** H. P. Finely cut foliage, bright yellow flowers, blooming early in May .10  
**AGATHEA** (Blue Marguerite). Free-blooming, tender perennial, with blue, daisy-like flowers. Fine for Winter flowering.  
100 **coelestris,** 1½ ft. ¼ oz. 60c. .15

**Ageratum.** H. H. A. Flowers forming in heads and blooming continually all Summer. Valuable for borders and edgings.  
105 **Lasseauxi.** Rose colored 18 in. ¼ oz. 40c. .05  
110 **Mexicanum.** Light blue. 18 in. Oz. 75c. .05  
115 **Mexicanum album.** White. 18 in. Oz. 60c. .05  
120 **Blue Perfection.** Dark blue, 18 in. Oz. \$1.25 .10  
125 **Dwarf Imperial.** White . . . . . Oz. 60c. .05  
130 **Dwarf Imperial Blue.** Deep blue. ¼ oz. 25c. .05  
135 **Swanley Blue.** Fine for bedding. 9 in. .10  
140 **Little Dorrit.** Azure blue. ¼ oz. 30c. .10  
145 **Little Blue Star.** Bright blue. .15  
150 **Princess Victoria Louise.** Bright blue. white center. 8 in. ¼ oz. 75c. .10



Alyssum, Little Dorritt



Aconitum

**Agrostemma.** Free-flowering plants of both the annual and perennial sorts. Pkt.  
155 **Cœli-rosa** (Rose of Heaven). H. A. Bright rose. 18 in. Oz. 30c. \$0.05  
165 **Coronaria** (Mullein Pink). H. P. Dark blood red. 2 ft. Oz. 35c. .05  
170 **Flos-Jovis** (Jove Flowers). H. P. Bright pink. 18 in. .10  
175 **hybrida Walkeri.** H. P. Extra large; bright pink. 15 in. .10  
**ALOYSIA** (Lemon-scented Verbena.) G. P. Fragrant foliage; useful for bouquets.  
185 **citriodora.** 2 ft. .10

**Alyssum, Sweet.** H. A. One of the best known annuals; used extensively for bordering and edging, also valuable for cutting. Flowers from early Summer till late Fall.  
195 **Benthami** (Sweet Alyssum). White, 10 in. 4 oz. \$1.00, oz. 35c. .05  
200 **Benthami compactum.** Dwarf white. 6 in. Oz. 75c. .05  
205 **Little Gem.** Dwarf white. 4 in. Oz. 75c. .05  
210 **"LITTLE DORRIT".** The very dwarfest Sweet Alyssum. This new variety forms a perfect little bush, with miniature white rocket flowers; a perfect gem for edging . . . . . Oz. \$1.25 .10  
215 **Carpet of Snow.** (Procumbens). Pure white, very dwarf and sweet. 4 in. ¼ oz. 20c. .10  
218 **Lilac Queen.** Beautiful lavender lilac color . . . . . ¼ oz. 20c. .10  
**HARDY ALYSSUM.**  
220 **Saxatile Compactum** (Gold Dust). H. P. Yellow. 9 in. Excellent for bordering perennial gardens . . . ¼ oz. 25c. .10





Antirrhinum, or Snapdragon

- AMARANTHUS.** H. A. Plants having brilliant foliage which are both useful and decorative.
- |     |   |        |
|-----|---|--------|
| No. |   | Pkt.   |
| 225 | <b>caudatus</b> (Love-Lies-Bleeding). Drooping crimson flowers borne in racemes 2 ft. .... ¼ oz. 20c. | \$0.05 |
| 230 | <b>cruentus</b> (Prince's Feather). Dark red feathery flowers ..... ¼ oz. 20c.                        | .05    |
| 235 | <b>tricolor</b> (Joseph's Coat). Foliage green, variegated crimson and yellow, 2 ft. .... ¼ oz. 30c.  | .05    |
| 240 | <b>AMBROSIA Mexicana.</b> Sweet-scented annual, useful in bouquets. 1½ ft. .... ¼ oz. 30c.            | .05    |
- AMPELOPSIS.** H. P.
- |     |  |     |
|-----|--|-----|
| 250 | <b>Quinquefolia</b> (Virginia Creeper or Woodbine). Foliage turns scarlet in Fall. .... ½ oz. 30c.   | .05 |
| 255 | <b>Veitchii</b> (Boston, or Japanese Ivy). One of the best hardy vines for covering brick or store buildings; foliage dense, turning to scarlet in Fall. .... ½ oz. 30c. | .05 |
- Anchusa.** H. P. Flowers borne on spikes of a variety of blue shades. Useful in shrubbery and perennial gardens.
- |     |   |     |
|-----|---|-----|
| 260 | <b>"Dropmore Variety."</b> H. P. The bright blue Forget-Me-Not-like flowers are borne on graceful stems during the entire season and way late into the Fall. It is a great improvement over the existing varieties. Hardy perennial. 4 to 5 ft. .... ½ oz. 40c. | .20 |
| 270 | <b>Barrelieri.</b> Deep blue, throat shaded white to pink. 2 ft. ....   | .10 |
| 275 | <b>Capensis.</b> H. A. Azure blue, 2 ft. ½ oz. 20.  | .05 |
| 280 | <b>Italica.</b> Deep blue. 3 ft. .... ¼ oz. 30c.  | .05 |
| 285 | <b>sempervirens.</b> Rich blue. 2 ft. Oz. \$1.25  | .05 |
- ANEMONE.** H. P. One of the most beautiful perennials, having a great variety of color and flowering in May and June.
- |     |   |     |
|-----|---|-----|
| 290 | <b>Single De Caen</b> (Wind Flower). Mixed. 9 in. .... ½ oz. 20c.                                 | .05 |
| 295 | <b>St. Brigid</b> (Irish Anemone). Extra large. 9 in. .... ½ oz. 30c.                             | .15 |
| 300 | <b>ANTHEMIS Kelwayi.</b> H. P. Bright yellow flowers usually blooming all Summer. .... ¼ oz. 50c. | .10 |

## ANTIRRHINUM (Snapdragon)

Half-hardy perennial treated as an annual. One of the finest flowers for cutting in existence, bearing long spikes of gorgeously colored flowers. It is also grown extensively under glass in the Winter. Seed sown in the house or hotbed during February or March will flower in July and continue until frost.

### SNAPDRAGONS FOR FORCING Pkt.

- DAVIS' PINK** (The newest and best of all.) The finest Snapdragon in the country to date. Stalks grow 4 feet or more in height with solid spikes of flowers 16 to 20 inches long, color a beautiful Killarney pink, unequalled bloomer and the most profitable Snapdragon ever grown. Late bloomer. .... \$1.00
- SILVER PINK.** One of the most popular of all Snapdragons. An excellent sort for hot-house use ..... 1.00
- GOLDEN PINK QUEEN.** A truly golden pink the colors softly blending with a silvery touch. It is a strong grower, with heavy compact spikes, perfect in habit, growth and productiveness ..... 1.00
- KEYSTONE.** Delicate light shade of clear self pink ..... .60
- NELROSE.** One of the choicest varieties of pink Snapdragons for florists ..... .60
- PHELPS' WHITE.** Fine, tall spikes; pure white. Fine forcer ..... .60
- VIRGINIA.** This variety is the best bright rose pink. Spikes of medium length and very compact ..... (crop failed)
- YELLOW.** Rich golden yellow ..... .60
- GARNET** ..... .60
- LIGHT PINK.** ..... .60

### NEW DOUBLE FLOWERING

This new Snapdragon is something entirely out of the ordinary.

The abnormal petals which are seen emerging from the mouth-like aperture in the flowers between the upper and lower lips give a double and beardlike effect to the exceedingly large flower.

In about seventy per cent. of the seedlings this phenomenon is more or less in evidence, the remainder producing extra sized and perfect flowers as may be found in the other Grandiflorum varieties.

- |     |   |        |
|-----|---|--------|
| 310 | <b>Dark Rose</b> .....                    | \$0.25 |
| 311 | <b>Light Rose with White Throat</b> ..... | .25    |
| 312 | <b>Pure White</b> .....                   | .20    |

### TALL GIANT FLOWERING ANTIRRHINUMS

- Feltham Beauty.** Lovely deep pink rose with white center. Very strong Pkt. and free flowering ..... .20
- |     |   |      |
|-----|---|------|
| No. |   | Pkt. |
| 315 | <b>Finest Mixed</b> ..... ¼ oz. 35c.                                  | .10  |
| 318 | <b>Venus.</b> (New). Delicate rose with white throat ..... ¼ oz. 75c. | .10  |
| 320 | <b>Pure White</b> (Queen Victoria) ... ¼ oz. 50c.                     | .10  |
| 325 | <b>Scarlet</b> (Firefly)..... ¼ oz. 35c.                              | .10  |
| 330 | <b>Yellow King.</b> ..... ¼ oz. 60c.                                  | .10  |
| 335 | <b>Rose</b> (Cottage Maid). .... ¼ oz. 35c.                           | .10  |
| 340 | <b>Delicate Rose.</b> ..... ¼ oz. 50c.                                | .10  |
| 345 | <b>Salmon Pink.</b> (Self) ..... ¼ oz. 50c.                           | .10  |

### INTERMEDIATE GIANT ANTIRRHINUMS

- |     |  |     |
|-----|--|-----|
| 355 | <b>Dainty Queen.</b> Salmon chamois, yellow lip. .... ¼ oz. 60c. | .10 |
| 360 | <b>Gloriosum.</b> Carmine, white throat ¼ oz. 50c.               | .10 |
| 365 | <b>Queen of the North.</b> White.... ¼ oz. 40c.                  | .10 |
| 370 | <b>Black Prince.</b> Deep maroon.... ¼ oz. 50c.                  | .10 |
| 375 | <b>Golden Queen</b> ..... ¼ oz. 50c.                             | .10 |
| 380 | <b>Brilliant Scarlet</b> ..... ¼ oz. 40c.                        | .10 |
| 385 | <b>Pink Empress.</b> Deep rosy pink. ¼ oz. 50c.                  | .10 |
| 390 | <b>Coral Rose</b> ..... ¼ oz. 50c.                               | .10 |
| 395 | <b>Finest Mixed</b> ..... ¼ oz. 40c.                             | .10 |

### DWARF LARGE-FLOWERING ANTIRRHINUMS

- |     |  |     |
|-----|--|-----|
| 405 | <b>Pure White</b> ..... ⅓ oz. 40c.               | .10 |
| 410 | <b>Scarlet</b> ..... ⅓ oz. 50c.                  | .10 |
| 415 | <b>Delila.</b> Carmine and white .... ⅓ oz. 35c. | .10 |
| 417 | <b>Crimson</b> ..... ⅓ oz. 35c.                  | .10 |
| 420 | <b>Pink</b> ..... ⅓ oz. 50c.                     | .10 |
| 425 | <b>Yellow</b> ..... ⅓ oz. 50c.                   | .10 |
| 430 | <b>Finest Mixed</b> ..... ⅓ oz. 40c.             | .10 |





Arctotis grandis

**Aquilegia. (Columbine).** H. P. One of the most popular perennials, easy of cultivation and flowering from May to August. Very desirable for herbaceous borders and groups among shrubbery. Requires a moist soil.

No.		Pkt.
440	<b>ENGLISH LONG SPURRED HYBRIDS</b>	
	Choicest Mixture. 3 ft..... $\frac{1}{8}$ oz. 75c.	\$0.15
445	Fottler's Select Hybrids. 3 ft..... $\frac{1}{8}$ oz. 75c.	.10
450	Single, Finest Mixed. 3 ft.....Oz. 60c.	.05
455	Double, Finest Mixed. 3 ft.....Oz. 75c.	.05
460	alba plena. Double white. 3 ft. $\frac{1}{4}$ oz. 30c.	.05
465	California hybrida. Golden yellow. 2 ft. $\frac{1}{4}$ oz. \$1.00	.10
470	Canadensis. Scarlet and yellow. 2 ft.... Oz. \$1.25, $\frac{1}{4}$ oz. 40c.	.10
475	chrysantha. Bright yellow. 2 ft. Oz. \$1.50	.10
478	cærulea candidissima. New. Double white	.20
480	cærulea. Violet blue and white. Extra large. 2 ft..... $\frac{1}{4}$ oz. \$1.25	.10
485	cærulea alba. White. 3 ft..... $\frac{1}{4}$ oz. 1.00	.10
490	delicatissima. A Columbine of the most delicate color, the delicate satin-rose of the spurs passing imperceptibly into the delicate light yellow of the crown. Extremely long spurs. 3 ft. $\frac{1}{4}$ oz. \$1.50	.25
495	glandulosa vera. Dark blue and white...	.25
500	chrysantha grandiflora alba. Pure white, long spurs. 2 ft..... $\frac{1}{4}$ oz. \$1.00	.20
505	Helenæ. Dark blue, long spurred. 2 ft.	.20
515	Jätschauli. Large yellow flowers, red spurs. 2 ft. .... $\frac{1}{4}$ oz. \$1.00	.10
520	Skinneri. Large, scarlet tipped green, long spurs. 2 ft..... $\frac{1}{4}$ oz. \$1.00	.20
525	Rose Queen. Light to dark rose with white center, yellow anthers and long spurs. 2 ft..... $\frac{1}{4}$ oz. \$1.25	.25
530	Stuarti. Dark blue, white corolla; extra large. 2 ft. ....	.25
535	truncata. Orange scarlet and yellow.	.25

No.		Pkt
	<b>Arabis. (Rock Cross).</b> H. P. Alpine trailing plant. Flowers borne on erect spikes, pure white and blooming very early. Useful in sunny rockeries and well drained borders.	
540	alpina. 9 in. .... $\frac{1}{4}$ oz. 25c.	\$0.10
	<b>Arctotis.</b> H. A. Daisy-like flowers, pure white with light blue center, often 3 inches across.	
555	grandis. 2 $\frac{1}{2}$ ft..... $\frac{1}{4}$ oz. 30c.	.10
	<b>ARGEMONE (Mexican, or Prickly Poppy).</b> H. A. Large, pure white, Poppy-like flowers, of easiest culture in any soil.	
565	grandiflora. 2 ft. .... $\frac{1}{4}$ oz. 20c.	.05
	<b>ARISTOLOCHIA (Dutchman's Pipe).</b> H. P. One of the best known hardy climbers, bearing curious pipe-shaped flowers of yellowish brown color.	
570	Sipho. 30 ft. .... $\frac{1}{4}$ oz 50c.	.25
	<b>ARMERIA (Thrift, or Sea Pink).</b> H. P. Pretty little plants for borders.	
575	formosa. Deep rose; double. 6 in.....	.05
580	formosa alba. Pure white; double. 6 in.	.05
	<b>Asclepia. (Milkweed, or Swallow-Wort.)</b> H. P. One of the most showy perennials; excellent for shrubbery, sunny borders and damp places.	
585	incarnata. Flesh color.....	.15
590	tuberosa. Bright orange. 2 ft. $\frac{1}{4}$ oz. 60c.	.15
595	Halli. Pure white. 2 ft.....	.20
	<b>ASPARAGUS. G. P.</b> An excellent pot plant for conservatory or house decoration.	
600	plumosus nanus. Feathery, fern-like foliage. 18 in.....100 seeds \$1.00	.25
605	Sprengeri. Drooping, feathery foliage; excellent for hanging baskets. Oz. \$1.00	.15
	<b>ASPERULA (Sweet Woodruff).</b> H. P. Free-flowering plants which thrive well in shaded places. Flowers white, sweet-scented.	
610	odorata. 1 ft..... $\frac{1}{4}$ oz. 30c.	.10
	<b>Asphodelus. (King's Spear).</b> H. P. Thriving well in any soil, bearing long spikes of flowers. Succeeds well in open and shady borders.	
615	albus. White. 2 ft..... $\frac{1}{8}$ oz. \$1.00	.15
620	luteus. Yellow, sweet-scented. 2 ft.... $\frac{1}{4}$ oz. 35c.	.10



Aquilegia





'Branching Aster Shell Pink,' grown for seed

# ASTERS

## Choicest Varieties for Summer Flowering

No. 625 **Arlington Prize Mixture.** A selected mixture of the best varieties for the most critical gardeners which contains all of the various types, together with almost every color of value, thus enabling the purchaser to procure the finest assortment of kinds and colors in a single package. **Pkg. 10., 1/8 oz. 60c., oz. \$4.00.**

No.		Pkt.	No.		Pkt.
640	<b>TRIUMPH OF PARIS.</b> The flower is of Giant Comet type, very large, pure white, with beautiful golden yellow quilled center ..... 1/8 oz. 50c.	\$0.10	690	<b>PINK BEAUTY.</b> A magnificent sort of upright growth, with very large, delicate, blush-pink flowers... 1/4 oz.	\$1.50
	<b>ROCHESTER or MIKADO.</b> Of fine branching habit, with very large flowers; the petals are long, narrow and twisted ..... 1/8 oz.	.15	<b>King Asters.</b> An Aster which has met with general favor. Petals somewhat resemble the quilled varieties, being larger and broader, those in the center being curled and incurved. Plants quite upright in form.		
645	<b>Lavender Pink.</b> The flowers of this new color are more double; while this sort is an exceedingly fine shade of lavender pink, the blooms have the great size of those of the branching plant without any trace of a center ..... 1/8 oz.	.15	735	<b>LAVENDER KING.</b> The flowers are very double; large; quite fluffy; color a deep lavender of a very pleasing shade ..... 1/4 oz.	.25
650	<b>Pink.</b> Flowers of an exquisite shade of shell-pink ..... 1/8 oz.	.15	740	<b>ROSE KING.</b> Extra large, brilliant deep rose, long stems; plants very strong and robust ..... 1/4 oz.	.20
653	<b>Rose.</b> Beautiful rose pink ..... 1/8 oz.	.15	745	<b>WHITE KING.</b> Similar to the Rose King in type of flower, but differing in growth, the White King assuming the upright form and acquiring the strength and vigor of the branching..	.20
655	<b>White.</b> Pure white ..... 1/8 oz.	.15	750	<b>VIOLET KING.</b> Flowers generally four to five inches across ..... 1/4 oz.	\$1.00
660	<b>CACTUS. Celestine.</b> Early-flowered class with narrow petals twisted at the ends and of a strikingly pure soft lilac color ..... 1/8 oz.	.15			



**Imperial Asters.** Probably the most popular of the Aster family. The upright plants bear large compact flowers which are so double as to appear ball shaped. Pkt.

- 770 **DAYBREAK.** Extra large flowers; very double; color a beautiful shell pink; branching habit 2½ ft. ¼ oz. \$1.25 \$0.10
- 775 **LAVENDER DAYBREAK.** A new and pleasing shade of lavender, similar in growth and habit to the well known Daybreak. A variety grown quite extensively by florists ⅓ oz. 60c. .10
- 780 **PURITY.** Extra large flowers; very double, color a pure white; branching habit 2½ ft. ¼ oz. \$1.25 .10
- 785 **PURPLE** ..... ⅓ oz. 75c. .10
- 790 **ROSE** ..... ⅓ oz. 75c. .10
- 795 **SUNSET.** Color is a delicate pink, shading to deep pink in the center. 2 ft. .... ¼ oz. \$1.25 .10
- 800 **MISS ROOSEVELT.** Flowers of perfect form, extra large in size, petals recurved; color rich yellow turning to delicate rose. 2½ ft. ⅓ oz. \$1.00 .15
- 810 **GENERAL JACQUEMINOT.** Rich deep crimson; very double, borne on long, erect stems ..... ¼ oz. \$1.00 .10



Aster, White King

## Aster Triumph Comet

A splendid new class of mid-season Asters, bearing full, double flowers of the choicest type with center showing spiral effect. The blooms are large and fluffy, borne on long, straight stems. The flowering season of the Triumph Comet type is between the extra early sorts and the branching varieties. Plants grow fairly tall and have an upright habit. The Aster Triumph Comet has better qualities than the heretofore offered Upright Comet, both in size and growth of plant, stem and perfection of bloom. Aster Triumph Comet is similar to the Astermum but more satisfactory on account of its size, length of stems and more full and double.



Aster, Rochester Lavender Pink

- | No. |                  | Pkt.   |
|-----|------------------|--------|
| 820 | Pure White ..... | \$0.20 |
| 825 | Shell Pink ..... | .20    |
| 830 | Lavender .....   | .20    |
| 835 | Rose .....       | .20    |
| 840 | Purple .....     | .20    |

855 **PALE YELLOW BRANCHING.** This variety has the same general habits of its family, lateness of its flowering and great length of stem. The color is a distinct delicate yellow and a shade that has not appeared in type of Aster .. .20

858 **PINK ENCHANTRESS.** The flower of this variety is full double, the petals being very broad and of medium length, the ones toward the center folding in, while those toward the outer edge gradually stand out more. The plants are not of the branching, but more of the upright habit; their growth is very vigorous and they produce long stems to support the enormous flowers. ¼ oz. \$1.25 .15

**PEERLESS ASTERS.** Similar in growth to the late branching type, with a strong sturdy habit of growth, blooming somewhat earlier. Flowers of globular form, usually 4 to 5 inches across, center petals incurved, outer reflexed.

**Pink.** beautiful shell pink, similar to Mary J. Semple ⅓ oz. 75c. .10

**White.** Pure white .. oz. 75c. .10



- | No. |   | Pkt. |
|-----|---|------|
| 860 | <b>DAWN OF DAY.</b> The earliest flowering Aster. Will flower by June 15. Branching habit and pure white in color. Flowers are large and very double .... 1/4 oz. 75c. \$0.15 |      |
| 870 | <b>EARLY SNOWDRIFT.</b> One of the earliest, with immense, perfectly double snow-white flowers of the Ostrich Feather type; free bloomer. .15                                 |      |
| 890 | <b>SENSATION.</b> The best of the red Asters, the color being a dark, rich garnet or ox blood red. The plants are of the free branching habit, growing about 18 in. high. .15 |      |

**Royal Asters.** An excellent strain developed from the Branching; is considered by many the best for general purposes. The flower stems branch from the plant close to the ground, and are free from laterals. A medium early variety.

- |     |   |
|-----|---|
| 900 | <b>Lavender Pink</b> ... 1/8 oz. 60c. .10 |
| 903 | <b>Rose</b> ..... 1/8 oz. 60c. .10        |
| 905 | <b>Lavender</b> ..... 1/8 oz. 60c. .10    |
| 908 | <b>Shell Pink</b> ..... 1/8 oz. 60c. .10  |
| 910 | <b>Pure White</b> ..... 1/8 oz. 60c. .10  |
| 913 | <b>Purple</b> ..... 1/8 oz. 60c. .10      |

**Giant Crego Asters** A giant in size, Comet in type. Petals are nearly twice the length of those of the older varieties, and are beautifully twisted and curled, exceedingly fluffy.

- | No. |  | Pkt. |
|-----|--|------|
| 919 | <b>Lavender</b> ..... 1/8 oz. 65c. \$0.10  |      |
| 920 | <b>White</b> ..... 1/8 oz. 65c. .10        |      |
| 921 | <b>Shell Pink</b> ..... 1/8 oz. 65c. .10   |      |
| 922 | <b>Rose Pink</b> ..... 1/8 oz. 65c. .10    |      |
| 923 | <b>Blue</b> ..... 1/8 oz. 65c. .10         |      |
| 924 | <b>Finest Mixed</b> ..... 1/8 oz. 65c. .10 |      |



Aster, Triumph Comet

## ASTER AUTUMN GLORY

### Pure Sea-Shell Pink

A variety very similar in color to the well known Semple's Pink, with which almost every Aster grower is well acquainted. The flower is better and more substantial, and of deeper color, which is retained while most of the other varieties of the same shade have a tendency to fade. The plants are of larger and stronger type and of true branching habit.

It is particularly valuable in producing exquisite flowers when the others are depreciating. The blooms are very double and the stems of unusual length.

Pkt. 25c., two pkts. 40c.

## ASTER

### WHITE PERFECTION

One of the finest white Asters for Mid-summer cultivation. The plants are extremely strong growing, producing from ten to twelve large flowers, usually measuring 4 inches in diameter, and of a fine form.

The flower, when first opened, is strongly whorled, the petals being broad and somewhat folded lengthwise, usually making them appear narrow; the outer rows are straight, while the center still retains the whorled effect.

Pkt. 20c., two pkts. 35c.



Aster, Pink Enchantress



**American Branching Aster.**

American Branching Aster.		Flowers
large with graceful, wavy petals borne on		extremely
No.	long stems. Plant is strong and robust.	Pkt.
930	<b>Finest Mixed</b> .....	1/8 oz. 40c. \$0.10
935	<b>Crimson</b> .....	1/8 oz. 40c. .10
940	<b>Dark Blue</b> .....	1/8 oz. 40c. .10
945	<b>Light Blue</b> .....	1/8 oz. 40c. .10
950	<b>Rose Pink</b> .....	1/8 oz. 40c. .10
955	<b>Shell Pink</b> .....	1/8 oz. 40c. .10
960	<b>Scarlet</b> .....	1/8 oz. 40c. .10
965	<b>Pure White</b> .....	1/8 oz. 40c. .10
Collection of six varieties.....		.50

**New Giant Comet Aster.**

<b>New Giant Comet Aster.</b>		Flowers are extra large	
with long, wavy, curled petals, similar to Japanese Chrysanthemum. Plants attain a height of 2½ ft.; branching habit and long stems.			
970	<b>Finest Mixed</b> .....	1/8 oz. 60c.	<b>.10</b>
975	<b>Crimson</b> .....	1/8 oz. 60c.	<b>.10</b>
980	<b>Dark Blue</b> .....	1/8 oz. 60c.	<b>.10</b>
985	<b>Light Blue</b> .....	1/8 oz. 60c.	<b>.10</b>
990	<b>Rose</b> .....	1/8 oz. 60c.	<b>.10</b>
995	<b>Scarlet</b> .....	1/8 oz. 60c.	<b>.10</b>
1000	<b>White</b> .....	1/8 oz. 60c.	<b>.10</b>
1005	<b>Sulphur Yellow</b> .....	1/8 oz. 60c.	<b>.10</b>
Collection of six varieties.....			<b>.50</b>

**Midsummer Aster.**

		The flowers are		
		borne on stout		
		stems 24 to 30 in. in height, of excellent		
		quality. The most valuable point about		
		this variety is that it produces its fine		
		flowers quite early.		
1015	<b>Finest Mixed</b> .....	1/8 oz.	60c.	.10
1020	<b>Bright Rose</b> .....	1/8 oz.	60c.	.10
1025	<b>Purple</b> .....	1/8 oz.	60c.	.10
1030	<b>Lavender</b> .....	1/8 oz.	60c.	.10
1035	<b>Shell Pink</b> .....	1/8 oz.	60c.	.10
1040	<b>Pure White</b> .....	1/8 oz.	60c.	.10

**Queen of the Market.**

1040	Pure white	.....	7/8 oz. 60c.	.10
<b>Queen of the Market.</b>		An extra early variety, bearing large double flowers; plants of branching habit.		
1050	<b>Finest Mixed</b>	.....	1/4 oz. 75c.	.10
1055	<b>Crimson</b>	.....	1/4 oz. 75c.	.10
1060	<b>Dark Blue</b>	.....	1/4 oz. 75c.	.10
1065	<b>Light Blue</b>	.....	1/4 oz. 75c.	.10
1070	<b>Rose</b>	.....	1/4 oz. 75c.	.10
1075	<b>Peach-Blossom</b>	.....	1/4 oz. 75c.	.10
1080	<b>White</b>	.....	1/4 oz. 75c.	.10
Collection of six varieties.....				.50



Aster, Rawson's Midsummer

**Victoria Improved.**

Victoria Improved.		Flowers borne on
		long stiff stems of
enormous size, very double and showy,		
No.	with recurved petals, 2½ ft.	Pkt.
1100	<b>Finest Mixed</b> ..... Oz. \$4.00, ⅛ oz. 60c.	\$0.10
1105	<b>Crimson</b> ..... Oz. 4.00, ⅛ oz. 60c.	.10
1110	<b>Dark Blue</b> ..... Oz. 4.00, ⅛ oz. 60c.	.10
1115	<b>Light Blue</b> ..... Oz. 4.00, ⅛ oz. 60c.	.10
1120	<b>Peach-Blossom</b> ..... Oz. 4.00, ⅛ oz. 60c.	.10
1125	<b>Delicate Rose</b> ..... Oz. 4.00, ⅛ oz. 60c.	.10
1130	<b>Scarlet</b> ..... Oz. 4.00, ⅛ oz. 60c.	.10
1135	<b>Pure White</b> ..... Oz. 4.00, ⅛ oz. 60c.	.10
Collection of six varieties.....		.50

**Ostrich Feather.**

# Ostrich Feather.

The flowers of this class resemble the Japanese Chrysanthemum with its long, curved, fringe-like petals, giving a feathery appearance; of immense size. 2½ ft.

1250	<b>Finest Mixed</b> .....	¼ oz.	\$1.00	.10
1255	<b>Crimson</b> .....	¼ oz.	1.00	.10
1260	<b>Dark Blue</b> .....	¼ oz.	1.00	.10
1265	<b>Light Blue</b> .....	¼ oz.	1.00	.10
1270	<b>Lilac</b> .....	¼ oz.	1.00	.10
1280	<b>Salmon-Rose</b> .....	¼ oz.	1.00	.10
1285	<b>Pure White</b> .....	¼ oz.	1.00	.10
	Collection of six varieties...			.50

**Chinese Single.**

Chinese Single.

showy for vase

large, brilliant,

flowers, with yellow center;

free flowering. 2 ft.

These are

exceedingly

daisy-like

decorations;

1290	<b>Finest Mixed</b> .....	$\frac{1}{4}$ oz.	60c.	.10
1295	<b>Crimson</b> .....	$\frac{1}{4}$ oz.	60c.	.10
1300	<b>Dark Blue</b> .....	$\frac{1}{4}$ oz.	60c.	.10
1305	<b>Light Blue</b> .....	$\frac{1}{4}$ oz.	60c.	.10
1310	<b>Rose</b> .....	$\frac{1}{4}$ oz.	60c.	.10
1315	<b>White</b> .....	$\frac{1}{4}$ oz.	60c.	.10

**Perennial Asters.**

<b>Perennial Asters.</b>		Easily grown
from seed; if sown in Febru- ary or March will bloom the same season.		
1320	<b>ALPINUS speciosus.</b> Large purple.....	.10
1325	<b>NOVÆ-ANGLIÆ.</b> Finest Mixed, 3 ft.....	.10
1330	<b>PERENNIAL HYBRIDS.</b> Fin- est Mixed, 3 ft.....	.10



Aster, Autumn Glory

Aster Plants see page 122.





Broom White Gem

**Baloon Vine.** H. H. A. Climber; rapid grower; flowers white; seed-pods shaped like miniature balloons. Seed should be sown in March and planted in the open, latter part of May or June, in sunny location. Pkt.

1340 **White.** 7 ft. .... ¼ oz. 20c. \$0.05

**BABY'S BREATH.** (See *Gypsophila*.)

**Balsam.** H. H. A. Plants of pyramidal growth bearing rose-like flowers which cover the whole plant; flowers profusely all Summer. In soil well fertilized excellent results will be obtained. 2 ft.

1345 **Prize Winner Mixture.** .... ¼ oz. 60c. .10

1350 **Prince Bismarck.** Delicate pink. .... ¼ oz. 60c. .10

**Camellia Flowered—**

1355 **Scarlet.** .... ¼ oz. 50c. .10

1360 **Yellow.** .... ¼ oz. 50c. .10

1365 **Pure White.** .... ¼ oz. 50c. .10

1370 **Dark Blue.** .... ¼ oz. 50c. .10

1375 **Finest Mixed.** .... ¼ oz. 50c. .10

1380 **Rose-Flowered—**

**Finest Mixed.** .... ¼ oz. 20c. .05

1385 **BAPTISIA australis.** H. P. The pea-shaped flowers are produced on spikes six inches long; flowers indigo blue. .... ⅓ oz. 25c. .05

1390 **BARTONIA aurea.** H. H. Flowers bright golden yellow, of metallic lustre; seed-pods curiously twisted. Adapted for partial shade and moist locations. 18 in. .... ¼ oz. 40c. .05

**Bean.** H. A. Climber. Flowers from July to September. Very ornamental, thriving in any ordinary soil.

1395 **Scarlet Runner.** 8 ft. .... .10

1400 **White Runner.** 8 ft. .... .10

1405 **Butterfly Runner.** Large, pink and white blossoms .... .10

**Broom.** Pure white *Genista*-like flowers, borne on long, upright branches for the entire length. Best results are obtained by sowing the seed in gentle heat during April and planting out early part of June.

1512 **White Gem.** .... ¼ oz. 35c. .15

**Begonia.** These dwarf varieties are valuable for bedding. Seed sown in February or March make fine plants for bedding out in May and June. Pkt.

1415 **Gracilis rosea.** Bright rose color. .... \$0.25

1420 **Prima Donna.** Flowers of a light rose, shading deeper toward center. .... .25

1425 **Pink Beauty.** Delicate pink with dark foliage. .... .25

1430 **Luminosa.** Large, bright, deep scarlet flowers; satiny brownish red foliage. .... .25

1435 **alba.** Pure white. .... .25

1440 **Semperflorens Vernon.** Scarlet flowers. .... .25

1455 **Erfordi grandiflora superba.** Plants compact and bushy, have glossy foliage and are literally covered with most delicate pink flowers. .... .50

1460 **Erfordi rubra.** New. Deep red. .... .50

**TUBEROUS ROOTED.** Most beautiful Summer- and Autumn-flowering plants. For beds, borders or window-boxes they are unsurpassed. Choice assortment of bulbs.

1470 **Large-flowered, Single Mixed.** .... .50

1475 **Large-flowered, Double Mixed.** .... .50

**Bellis Perennis fl. pl.** (Double Daisy). H. P. Flowering early in the Spring; very double. Fine for borders, requiring partial shade in hot weather.

1480 **Finest Mixed.** Extra. 4 in. ¼ oz. \$1.25 .10

1485 **Longfellow.** Bright rose. 4 in. ¼ oz. 1.50 .15

1490 **Snowball.** Pure white. 4 in. ¼ oz. 1.50 .15

1495 **Giant red, Maxima fl. pl.** Extra fine. 4 in. .25

1497 **Monstrosa alba.** Pure white. .... .15

1498 **Monstrosa rosea.** Rose pink. .... .15

1499 **Monstrosa.** Finest Mixed. .... .15

**BELVIDERE.** See *Kochia tricoophylla*.

1510 **BOLTONIA latisquama.** H. P. Profusion of flower heads, allied to the single Aster; pale blue in color. .... ⅓ oz. 75c. .15

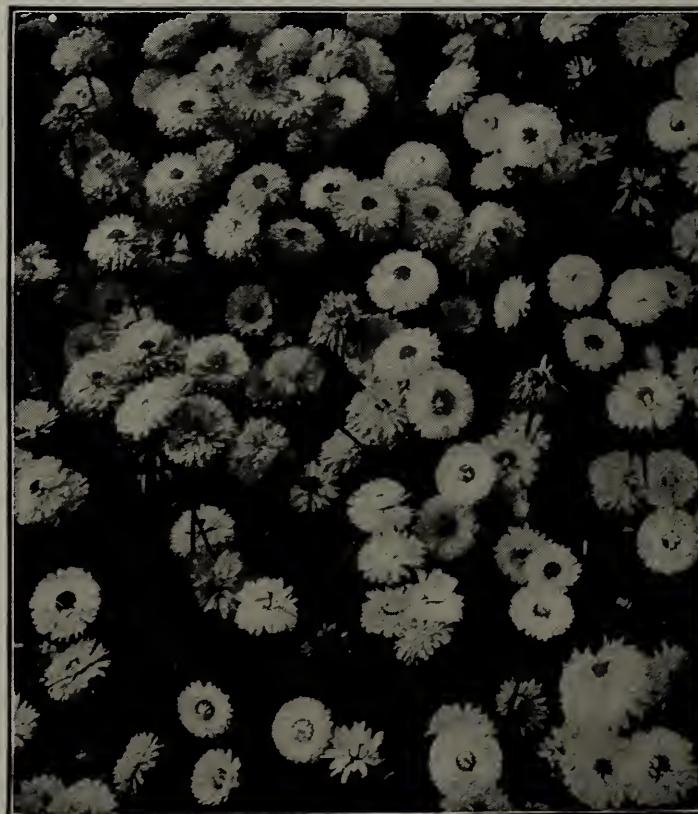
**Browallia.** H. A. Excellent free-flowering, Verbena-like flowers. Flowers all Summer in the open, also excellent house plants for Winter use. 18 in.

1515 **Finest Mixed.** .... ⅓ oz. 20c. .10

1520 **elata cærulea grandiflora.** Light blue. .... .10

1530 **speciosa major.** Extra large; deep blue. .... .15

1535 **BUPHTHALMUM salicifolium** (Ox-Eye Daisy). H. P. Golden yellow flowers, having brown center. .... ¼ oz. 40c. .05



Bellis Perennis



**Calceolaria.** Flowers borne in clusters of pocket-like lobes of various self colors and handsome spotted varieties. Especially adapted for house and greenhouse culture, making excellent exhibition plants.

No.		Pkt.
1550	<b>Superb English Mixture.</b> Special strain.	\$0.50
1555	<b>Self Colors in Mixture.</b> 2 ft. ....	.50
1560	<b>Spotted in Fine Mixture.</b> 2 ft. ....	.50
1565	<b>rugosa, or Shrubby.</b> Yellow and brown; bedding variety. ....	.50
1540	<b>CACALIA coccinea</b> (Tassel Flower). H. A. Showy trusses of bright scarlet, tassel-like flowers. .... ¼ oz. 30c.	.05
1545	<b>CALENDREINIA Chromantha.</b> H. A. Very pretty dwarf growing plants, with Portulaca-like flowers, thriving best in a light, dry soil. .... ¼ oz. 25c.	.05

**Calendula.** H. A. Large double flowers, blooming all Summer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 2 ft.

1570	<b>Double, Finest Mixed.</b> .... Oz. 40c.	.05
1575	<b>Orange King.</b> .... Oz. 50c.	.05
1580	<b>Meteor.</b> Orange, striped primrose. Oz. 40c.	.05
1585	<b>Prince of Orange.</b> Deep orange. Oz. 50c.	.05
1590	<b>Lemon Queen.</b> Clear lemon yellow. .... Oz. 50c.	.05
1595	<b>Pongel.</b> Double white. .... Oz. 50c.	.05
1600	<b>CALIFORNIA GOLDEN BELLS</b> ( <i>Emmenanthe penduliflora</i> ). An annual with pretty foliage and charming spikes of dainty yellow flowers like Lily of the Valley; fine for bouquets. 1 ft. ....	.15



Calceolaria

**Calliopsis.** (Or *Coreopsis*.) One of the most effective of our hardy annuals; very showy in open garden and excellent for cutting; flowers borne on individual stems 18 inches in length. 2 ft.

No.		Pkt.
1610	<b>Finest Mixed.</b> .... Oz. 35c.	\$0.05
1615	<b>atrosanguinea.</b> Velvety dark crimson. .... ¼ oz. 15c.	.05
1620	<b>bicolor tinctoria.</b> Yellow, with brown center. .... ¼ oz. 15c.	.05
1625	<b>coronata.</b> Yellow, with crimson spots. .... ¼ oz. 15c.	.05
1630	<b>Drummondii</b> (Golden Wave). Yellow, maroon center. .... Oz. 60c.	.05
1635	<b>grandiflora.</b> H. P. Large yellow flowers produced abundantly from June to October. .... ¼ oz. 25c.	.10
1640	<b>lanceolata.</b> H. P. Large; extra fine yellow. .... ¼ oz. 50c.	.10
	<b>CALIFORNIA POPPY.</b> See <i>Eschscholtzia</i> .	
1645	<b>CALLIRHOE involucrata</b> (Poppy Mallow). Large crimson flowers of spreading habit. Excellent for rockeries. 1 ft.	.05

**Campanula—Bellflower.** H. P. Not only is this one of our best known hardy perennials, but it deserves a place in every garden collection. Tall varieties fine for cutting, while dwarf make excellent border plants.

1650	<b>Carpatica.</b> Bright blue; borne on erect stems. 6 in. .... ¼ oz. 30c.	.05
1655	<b>Carpatica alba.</b> Pure white. 6 in. ¼ Oz. 50c.	.05
1660	<b>glomerata acaulis.</b> Deep blue. 6 in. ....	.25
1665	<b>Longistyla.</b> Rich violet blue, drooping, slightly incurved, quite floriferous plants; loosely branching flower stems.	.25
1670	<b>Mariesii.</b> Rich violet. 18 in. .... ¼ oz. 50c.	.10
1675	<b>persicifolia grandiflora caerulea.</b> Deep blue; extra long, erect stems. 2 ft. .... 1-16 oz. 60c.	.15
1680	<b>persicifolia grandiflora alba.</b> Pure white. 2 ft. .... ¼ oz. \$1.00	.15
1685	<b>persicifolia grandiflora fl. pl. Moerheimii.</b> Double white. 2 ft. .... 1-32 oz. 75c.	.25
1690	<b>persicifolia grandiflora</b> (The Fairy). Azure blue. 2 ft. ....	.25
1695	<b>pyramidalis</b> (Chimney Bell). Blue. 6 ft. .... ¼ oz. 25c.	.05
1700	<b>pyramidalis alba.</b> Pure white. 6 ft. .... ¼ oz. 30c.	.05
1705	<b>rotundifolia</b> (Scotch Bluebell). Deep blue. 18 in. .... 1-16 oz. 75c.	.10



Calendula Orange King



**Campanula Media.** (Canterbury Bells). H. B. Plants grow in pyramidal form, bearing in profusion large, bell-shaped flowers. Very showy in mixed borders or among shrubbery. Seed sown in February will flower first season; sown in July will flower following season.

No.	Single-Flowering.	Pkt.
1715	English Prize Mixture. 3 ft. .... ¼ oz. 35c.	\$0.05
1720	Delicate Lavender. 3 ft. .... ¼ oz. 25c.	.05
1725	Striped. 3 ft. .... ¼ oz. 25c.	.05
1730	Dark Blue. 3 ft. .... ¼ oz. 25c.	.05
1735	Rose. 3 ft. .... ¼ oz. 25c.	.05
1740	Rosy Carmine. .... ¼ oz. 35c.	.05
1745	White. 3 ft. .... ¼ oz. 25c.	.05
1750	Finest Mixed. 3 ft. .... ¼ oz. 25c.	.05
<b>CALYCANTHEMA</b> (Cup and Saucer). 2 ft.		
1760	Blue. .... ½ oz. 50c.	.10
1765	Rose. .... ½ oz. 50c.	.10
1770	White. .... ½ oz. 50c.	.10
1775	Finest Mixed. .... ½ oz. 50c.	.10
<b>Double-Flowering.</b>		
1780	Finest Mixed. 3 ft. .... ½ oz. 40c.	.05
1782	Blue. .... ½ oz. 50c.	.10
1785	Rose. .... ½ oz. 40c.	.10
1787	White. .... ½ oz. 40c.	.10

**Candytuft.** H. A. Very showy for borders of flowers form in spikes; plants of branching habit. One of the best cut flowers for bouquets. Our strains of Candytuft are the best obtainable.

<b>Annual Varieties.</b>		
1800	Finest Mixed. 1 ft. .... Oz. 50c.	.05
1805	Dunnetti Crimson. 1 ft. .... Oz. 40c.	.05
1810	Giant Empress. White; extra large. Fine for forcing. 2 ft. .... Oz. 60c.	.05
1815	<b>FISKE'S GIANT WHITE PERFECTION.</b> New. An extra fine mammoth, pure white, with long spikes usually from six to ten on each stem; best variety for forcing. .... Oz. \$1.00	.10
1820	Giant Hyacinth-Flowered. Pure white; fine truss. 2 ft. .... Oz. 50c.	.05
1825	Purple. 1 ft. .... Oz. 50c.	.05
1830	carnea. Flesh pink. 1 ft. .... Oz. 40c.	.05
1835	<b>ROSE CARDINAL.</b> Very rich, striking color; deep rosy cardinal. .... ¼ oz. 50c.	.15
1840	Little Prince. Dwarf, pure white. 6 in.	.10



Candytuft, Giant White Perfection

**Candytuft.** H. P. Plants very compact, blooming early in the Spring; excellent for bordering perennial gardens.

No.	Perennial Varieties.	Pkt.
1845	Gibraltarica. Large, white, tinted pink. 6 in. .... ¼ oz. 50c.	\$0.10
1850	sempervirens. Pure white; glossy green foliage. 6 in. ....	.15

**Canna.** H. A. Excellent for its ornamental foliage and long spikes of brilliant flowers. Used extensively for bedding

1860	Bronzed-Leaved Varieties. Finest Mixed. 8 ft. .... Oz. 40c.	.05
1865	Crozy's New Large-Flowering. Finest Mixed. .... Oz. 40c.	.05

**CARNATION.** See *Dianthus*.

**CASTOR OIL BEAN.** See *Ricinus*.



Campanula Calycanthema



## Cardinal Climber

### STRONG AND RAPID ANNUAL CLIMBER

A very strong and rapid climber, usually attaining a height of 20 feet to 30 feet. This annual climber is a beautiful and brilliant vine, with fern-like lacinated foliage, covered with an immense quantity of cardinal red flowers, blooming from early Summer to late Fall.

The individual blooms, usually 1 to 1½ inches across, are produced in clusters of five to seven each.

The Cardinal Climber belongs to the Morning Glory class, and is the result of crossing *Ipomœa quamoclit* and *Ipomœa coccinea*.

It is not unlike *Ipomœas* as to habits, for it delights in sunny location and a good soil. Best results are obtained from seed sown outdoors after weather becomes favorable. Germination may be hastened by cutting or filing a hole in the outer shell, or soaking in warm water until they begin to swell.

Seed may also be sown early in greenhouse and small plants transplanted after danger from frost is past.

Pkt. 20c.

## Chinese Woolflower

### CELOSIA CHILDSII

Without doubt this new *Celosia* is the most magnificent garden annual yet introduced. Its ease of culture and long continued blooming season, (July until frost), together with its massive bunches of wool-like flowers and glowing color, combine to make it the most odd as well as the showiest novelty for the general flower garden.

Plants grow about three feet high, the bloom starting early with a globular central head of immense size, while numerous branches are sent out, each bearing a ball of scarlet wool, while each branch produces many laterals which also develop excellent heads of bloom that last until killed by frost and expand with a deepening richness of color to a deep crimson scarlet.

Seed may be sown in open, after danger from frost, or sown in pots; may be transplanted when ground is ready.

Pkt. 20c., three pkts. 50c.



*Celosia Plumosa*



Chinese Woolflower

## Celosia. (Cockscomb). Ostrich Feather, or Plumed Varieties.

- | No.  |   | Pkt. |
|------|---|------|
| 1870 | <b>THOMPSONI MAGNIFICA NANA</b> . Dwarf. A beautiful dwarf variety of the well-known <i>Plumosa Thompsoni</i> ; the plant only grows about 1 ft. in height, while the flowers produce a brilliant array of colors from brilliant yellow to the darkest blood-red. .... ¼ oz. 60c. .10 |      |
| 1872 | <b>PRIDE OF CASTLE GOULD</b> . An entirely distinct type of Feathered <i>Celosia</i> . Of compact pyramidal growth, covered with immense fine feathered heads of the most brilliant color, making an excellent sort for bedding as well as a fine pot plant. .... 1-16 oz. 50c. .20   |      |
|      | <b>THOMPSONI MAGNIFICA</b> (Feathered Cockscomb). H. A. For ornamental purposes this class is one of the most beautiful; entire plant covered with rich plumes of most striking colors.   |      |
| 1875 | <b>Golden Yellow</b> . 2 ft. .... ¼ oz. 60c. .10  |      |
| 1880 | <b>Carmine</b> . 2 ft. .... ¼ oz. 60c. .10  |      |
| 1885 | <b>Scarlet</b> . 2 ft. .... ¼ oz. 60c. .10  |      |
| 1890 | <b>Crimson</b> . 2 ft. .... ¼ oz. 60c. .10  |      |
| 1895 | <b>Finest Mixed</b> . 2 ft. .... ¼ oz. 60c. .10   |      |
|      | <b>CRISTATA NANA</b> , Dwarf. Flowers produced in large comb-like heads of most brilliant colors. Easy of cultivation; valuable for borders and bedding. Plants of the scarlet and crimson make a fine effect interspersed among perennials for rich colorings.                       |      |
| 1900 | <b>Finest Mixed</b> . 6 in. .... ½ oz. 40c. .10   |      |
| 1905 | <b>Glasgow Prize</b> . Crimson; dark foliage. 6 in. .... ½ oz. 50c. .10   |      |
| 1915 | <b>Empress</b> . New Giant <b>Crimson</b> . 6 in. .... ½ oz. 50c. .10   |      |
| 1925 | <b>Sulphur Yellow</b> . 6 in. .... ½ oz. 50c. .10   |      |
| 1935 | <b>TALL, FINEST MIXED</b> . 3 ft. Oz. 60c. .05  |      |



**Centaurea.** (Bachelor's Button, Cornflower, Blue Bottle or Ragged Sailor). One of the most popular of our garden annuals, blooming continually all Summer. Seed may be sown either in Spring or Autumn. Thrives well in poor soil; for best results plants should be thinned to 8 in.

**ANNUAL VARIETIES**

No.			Pkt.
1950	<b>CYANUS. Finest Mixed.</b> 2 ft.....	Oz. 35c.	\$0.05
1955	<b>Deep Blue.</b> 2 ft. ....	Oz. 40c.	.05
1960	<b>Rose.</b> Bright rose . 2 ft.....	Oz. 35c.	.05
1965	<b>White.</b> 2 ft. ....	Oz. 35c.	.05
	<b>CYANUS fl. pl.</b> (Double Bachelor's Button). Double.		
1970	<b>True Deep Blue.</b> ....	Oz. \$1.50	.10
1975	<b>White.</b> ....	Oz. 75c.	.10
1978	<b>Rose Pink.</b> ....	Oz. 75c.	.10
1980	<b>Double Finest Mixed.</b> ....	Oz. 75c.	.10
	<b>IMPERIALIS.</b> (Giant Cornflower). H. A. Flowers very fragrant, of immense size and great variety of colors.		
1985	<b>Finest Mixed.</b> 2 ft.....	1/4 oz. 50c.	.10
1990	<b>White.</b> 2 ft. ....	1/4 oz. 60c.	.10
1995	<b>Lilac.</b> 2 ft. ....	1/4 oz. 60c.	.10
2000	<b>Brilliant Rose</b> (Favorita), 2 ft. 1/4	oz. 60c.	.10
2005	<b>Pink, White Center.</b> 2 ft.....	1/4 oz. 60c.	.10
2010	<b>Purple</b> (Graziosa), 2 ft.....	1/4 oz. 60c.	.10
	<b>MOSCHATA</b> (Sweet Sultan). H. A. Fra- grant flowers; very showy.		
2015	<b>Finest Mixed.</b> 2 ft. ....	Oz. 50c.	.05
2020	<b>Blue.</b> 2 ft. ....	Oz. 50c.	.05
2025	<b>White.</b> 2 ft. ....	Oz. 50c.	.05
2030	<b>Suaveolens.</b> Yellow. 2 ft.....	Oz. 75c.	.05
2035	<b>Americana.</b> H. A. Flowers lilac-purple, often 4 inches in diameter, flowering from June to September....	1/4 oz. 60c.	.10
2040	<b>Marguerite</b> (Giant White Cornflower). H. A. 2 ft. ....	1/4 oz. 50c.	.10
2045	<b>odorata Chameleon.</b> H.A. Light yellow shading to rosy-lilac. 2 ft... 1/8	oz. 50c.	.10
	<b>PERENNIAL VARIETIES</b>		
2050	<b>Babylonica.</b> H. P. Bright yellow. 3 ft...		.10
2055	<b>montana.</b> H. P. Deep purple. 2 ft.....	1/4 oz. 60c.	.10
2058	<b>montana alba.</b> H. P. Pure white, fine sort.		.10
2060	<b>Candidissima</b> (Dusty Miller). H. H. P. Silvery foliage being heavily clothed with a white downy covering. Used extensively for bordering and baskets. 1 ft. ....	1/4 oz. \$1.25	.10



*Centaurea cyanea*

No.		Pkt.
2065	<b>Gymnocarpa</b> (Dusty Miller). H. H. P. Fern-like foliage with silvery cover- ing. 1 ft. ....	Oz. \$1.00 \$0.05

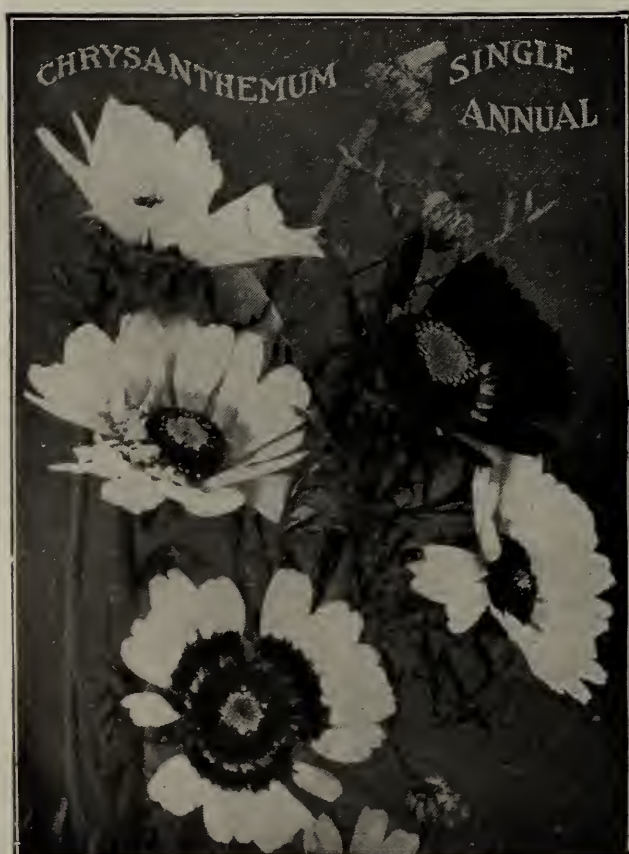
**Chrysanthemum.** Plants of easy cultivation, very showy and excellent for cutting, flowering from June till frost. One of the most satisfactory hardy annuals for Summer blooming.

**ANNUAL VARIETIES**

2090	<b>Finest Mixed, Single.</b> 2 ft.....	Oz. 40c.	.05
2095	<b>Finest Mixed, Double.</b> 2 ft.... 1/4	oz. 25c.	.05
2100	<b>Single, Lord Beaconsfield.</b> Crimson and yellow. ....	Oz. 40c.	.05
2102	<b>Morning Star.</b> Primrose yellow..	Oz. 50c.	.10
2103	<b>Evening Star.</b> Golden yellow....	Oz. 60c.	.10
2105	<b>The Sultan.</b> Deep scarlet. 2 ft..	Oz. 60c.	.05
2110	<b>Burridgeanum tricolor.</b> White, crimson ring. 2 ft. ....	Oz. 50c.	.05
2115	<b>Eclipse.</b> Yellow, crimson ring..	Oz. 50c.	.10
2120	<b>WELL'S NEW EARLY SINGLE.</b> A most beautiful strain, from this well-known specialist, producing the greatest vari- ety of colors.....	Cannot supply	
2125	<b>Coronarum hybridum.</b> Double fringed. <b>Finest Mixed.</b> ....	Oz. \$1.00	.05

**PERENNIAL VARIETIES**

	Plants, see page 129.		
2145	<b>Snowball. New.</b> Extra fine double white, excellent for cutting. ....		.15
2150	<b>Maximum</b> (White Ox-eyed Daisy). Large flowers. 3 ft. ....	1/4 oz. 50c.	.10
2155	<b>King Edward VII.</b> Large; pure white..		.10
2160	<b>Shasta Daisy, Hybrids.</b> Flowers pure white, borne on long, stiff stems....	1-16 oz. 50c.	.25
2165	<b>Ugliginosum</b> (Giant Daisy). One of the best of the later perennials, flowering from August to October.....		.10
	<b>CHELONE</b> (Shell Flower). H. P. Flowers grow in long spikes and succeed in any ordinary good garden soil.		
2085	<b>Barbata Torreyi.</b> ....	1/4 oz. 50c.	.10





- Cineraria Hybrida.** G. A. Among the most useful and ornamental of plants that can be grown for hothouse or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when in bloom. Pkt.
- 2170 **FOTTLER'S EXHIBITION MIXTURE.** This strain is unsurpassed for size and assortment of gorgeous colors, including self, ringed and margined....\$0.50
- 2175 **Flesh Color.** ..... .50
- 2176 **Dark Blue** ..... .50
- 2180 **HYBRIDA GRANDIFLORA NANA.** Dwarf, Finest Mixed. Same as above, but only attaining a height of about 15 in. .... .50
- 2185 **Stellata (Star-flowered Cineraria).** Very effective pot plants, flowers smaller than preceding varieties, but more numerous, borne on long, erect stems. .50
- 2190 **candidissima (Dusty Miller).** Silvery foliage and used for vases and hanging baskets. 1 ft. .... ¼ oz. 35c. .05
- 2195 **maritima (Dusty Miller).** Silver gray foliage; fine for edging.... ¼ oz. 35c. .05
- 2270 **CORN; rainbow; (Striped Maize).** A very ornamental foliage plant, making effective coloring where tall background is needed ..... .10



Cosmos, Early Flowering



Cineraria hybrida grandiflora nana

- Clarkia.** H. A. Flowers are borne along the woody stem. Plants attain a height of 15 inches; of branching habit and easy of cultivation. Pkt.
- 2200 **elegans.** Double. Finest Mixed. Oz. 35c. \$0.05
- 2202 **Chamois Color.** Double, delicate, pale Chamois. .... .10
- 2203 **Orange King.** (New). Bright orange scarlet; very double.... ¼ oz. 50c. .10
- 2205 **Salmon Queen.** Delicate pink.. ¼ oz. 35c. .05
- 2210 **Double White** ..... ¼ oz. 25c. .05
- CLEMATIS.** H. P. Well-known climbers, remarkable for the beauty and fragrance of their blossoms. One of the best climbers for verandas in existence.
- 2215 **paniculata.** A vigorous grower, and covered in the latter part of the Summer with a perfect cloud of star-like fragrant white flowers ..... Oz. \$1.00 .10
- Cleome.** (Spider Plant). Biennial used as an annual, flowering the first season. Flowers are a delicate rose color. Seed should be sown in March indoors.
- 2225 **gigantea hybrida.** Giant Hybrids in an assortment of colors, often 4 to 5 ft. in height ..... ¼ oz. 75c. .10
- 2230 **pungens.** Delicate rose ..... ¼ oz. 50c. .10
- GLIANTHUS (Glory Pea).** A magnificent tender shrub, blooming freely through the Summer. The flowers are pea-shaped, large and of a brilliant scarlet color, black center
- 2240 **Dampferi.** 3 ft. .... .15
- CLOVE PINKS.** See **Dianthus.**
- Cobaea.** H. A. One of the best annual climbers, attaining a height of 15 feet. Flowers bell-shaped, about 3 inches in diameter. Fine for piazza trellises and will grow indoors throughout the Winter.
- 2245 **scandens.** Rich purple ..... Oz. \$1.00 .10
- 2250 **scandens alba.** White ..... Oz. \$1.50 .10
- COCCINEA.** H. A. Climber, bearing large white flowers; fruit when ripe is a rich scarlet.
- 2255 **indica.** 8 ft. .... .10
- COCKSCOMB.** See **Celosia.**
- COLEUS.** Unsurpassed for bedding; beautifully colored foliage; easy of cultivation. Tender perennial. 18 in.
- 2260 **Hybrids, Finest Mixed** ..... .25
- 2265 **Fine Mixed Varieties** ..... .15
- COREOPSIS.** See **Calliopsis.**





Cobaea scandens

## COSMOS

This beautiful annual is one of the most showy and useful of our garden plants. Plants grow from four to six feet in height, and are very bushy and compact. Flowers borne on long delicate stems and are similar to single Dahlias. Foliage very finely cut. Excellent for cutting.

No.		Pkt.
<b>EXTRA EARLY MAMMOTH FLOWERING.</b>		
Bearing flowers, usually from four to five inches across, and blossoming sixty days from sowing the seed.		
2275	<b>Finest Mixture.</b> . . . . .	1/8 oz. 40c. \$0.10
2276	<b>Crimson.</b> . . . . .	1/8 oz. 40c. .10
2277	<b>Pink.</b> . . . . .	1/8 oz. 40c. .10
2278	<b>White.</b> . . . . .	1/8 oz. 40c. .10

### DOUBLE FLOWERING.

This new class of Cosmos produces extremely double flowers, of attractive appearance and excellent for cutting.

2285	<b>White Queen.</b> . . . . .	.20
2290	<b>Pink Beauty.</b> . . . . .	.20
2298	<b>Finest Mixed.</b> . . . . .	.20

### MAMMOTH LATE.

2305	<b>Lady Lenox.</b> Beautiful shell pink. Flowers are extra large; stems long; plants strong and vigorous . . . . .	1/4 oz. 50c. .15
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2306	<b>Lady Lenox Pure White.</b> . . . . .	1/4 oz. 75c. .15
2310	<b>Finest Mixed.</b> 6 ft. . . . .	1/4 oz. 25c. .05
2315	<b>Pink.</b> 6 ft. . . . .	1/4 oz. 25c. .10
2320	<b>Crimson.</b> 6 ft. . . . .	1/4 oz. 25c. .10
2325	<b>White.</b> 6 ft. . . . .	1/4 oz. 25c. .10
2328	<b>Striped.</b> 6 ft. . . . .	1/4 oz. 30c. .10
2330	<b>Orange (Klondyke.)</b> 1/4 oz. 40c. .10	

**COTTON.** A. Very ornamental for garden; flowers large and pure white. Seed pods pointed and at maturity burst, showing a profusion of white down known as our commercial cotton.

2335	<b>Pure White.</b> . . . . .	.05
<b>CUCUMBER, WILD.</b> See Echinocystis.		

**Cypress Vine.** H. A. Rapid climber, having dark green, feathery foliage, bearing an abundance of star-like flowers. Fine for trellises.

2445	<b>Finest Mixed.</b> . . . . .	Oz. 60c. .05
2450	<b>Bright Scarlet.</b> . . . . .	Oz. 60c. .05
2455	<b>Pure White.</b> . . . . .	Oz. 60c. .05

## CYCLAMEN

### Fiske's Gold Medal Strain

Our strain of Giant Cyclamen, producing immensely large flowers, is surpassed by none. Our seed is grown by an expert in this special class of plants. For best results seed should be sown from September to February. Temperature required is between 50 degrees and 60 degrees F. Bulbs 2 inches in diameter can be obtained in one year.

No.		Pkt.
2350	<b>Choicest Mixed.</b> Named varieties. . . . .	\$0.50
2355	<b>Blood Red.</b> (Giganteum.) Rich deep red, very choice. . . . .	.50
2360	<b>Brilliant.</b> (Giganteum.) Extra dark crimson. . . . .	.50
2365	<b>Dame Blanche.</b> (Giganteum.) Pure white; large broad petals, very choice. . . . .	.50
2370	<b>Excelsior.</b> White with purple base. . . . .	.50
2373	<b>Glory of Wandsbek.</b> Beautiful salmon color. . . . .	.50
2375	<b>grandiflora alba.</b> (Giganteum.) Giant pure white. Largest and best white. . . . .	.50
2380	<b>Mauve Queen.</b> Mauve. . . . .	.50
2385	<b>Mont Blanc.</b> (Giganteum.) Pure white. . . . .	.50
2387	<b>Mrs. Buckston.</b> A beautiful salmon; frilled petals. . . . .	.50
2388	<b>Pearl of Zehlendorf.</b> Beautiful salmon shade. . . . .	.50
2395	<b>Princess of Wales.</b> Giant, deep pink. . . . .	.50
2400	<b>Rose of Marintal.</b> Soft shell pink. . . . .	.50
2405	<b>Rosy Morn.</b> Delicate rose, tinted claret base. . . . .	.50
2415	<b>Giant Salmon King.</b> Extra beautiful salmon pink. . . . .	.50
2420	<b>Sunray.</b> Pink, with claret base. . . . .	.50
2425	<b>New Fimbriata.</b> <b>Finest Mixed.</b> Fine variety of colors; petals beautifully fringed. . . . .	.75
2340	<b>CUPHEA Platycentra.</b> (Cigar Plant.) Pretty, half-hardy perennial with bright scarlet tube-shaped flowers with black and white lip; excellent for garden or pot culture. . . . .	.15
<b>CYNOGLOSSUM.</b> H. A. Pretty border plants, profuse in bloom and excellent for cutting. June to October. 1 ft.		
2430	<b>cœlestinum.</b> Fine blue. . . . .	Oz. 50c. .05
2435	<b>linifolium.</b> Pure white. . . . .	Oz. 50c. .05



Cyclamen, Gold Medal Strain





Delphinium, Larkspur

## Dahlia

H. H. P. Grown very readily from seed and flowering the first season. Requires a common garden soil and moderate amount of water. When plants show buds a good feeding with liquid manure will greatly increase blooms. Seed saved from our own choice collection.

No.	Pkt.
2460 Cactus-Flowered. Finest Mixture. Saved from our own stock of named sorts. 4 ft. ....	\$0.20
2643 Pæony-Flowered. Very choice mixture....	.25
2465 Decorative, Finest Mixed.....	.25
2470 Double Show. Finest Mixed. 4 ft.....	.15
2473 Collarette. In Choicest Mixture.....	.20
2475 Single-Flowering. Finest Mixed. 4 ft.....	.10
2478 Pompon. Choice Mixed.....	.15

DAISY, DOUBLE. See *Bellis perennis*.

DATURA (Trumpet Flower). H. H. A. Strong growing ornamental annual shrubs. Flowers trumpet shape, large and fragrant.

2480 Finest Mixed. 3 ft.....Oz. 30c	.05
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## Delphinium

(Perennial Larkspur)

One of the finest perennials in use at present time; very easily grown and requiring no protection in Winter. Leaves are curiously cut; flowers borne on long, erect stems forming into spikes 2 feet in length. It is quite safe to state that no perennial bed or border is complete without them. Seeds sown in greenhouse in February will produce plants which should bloom the following Summer.

Plants for first season's flowering can be obtained.

Annual Varieties. See Larkspur.

## Rev. E. Lascelles (New)

Beautiful Deep Blue

A particularly fine new addition to the already well known Delphiniums. The flowers are quite double and of extra size, showing a beautiful deep blue color, with white center, producing an excellent contrast. We have had the plants of this excellent variety growing, and they have been greatly admired by all who have seen them. The flowers have been very shy in producing seed, but during the past season we have been quite successful in securing a stock of seed.

A large percentage of seed comes true, while the balance will undoubtedly produce some very choice hybrids.

No.	Pkt.
2495 Deep Blue. ....	\$0.20
2500 RAWSON'S SELECTED HYBRIDS. Comprising the most brilliant colors, with extra large flowers and long spikes. 4 ft. ....Oz. \$2.00, ¼ oz. 60c.	.25
2505 BELLADONNA. New. Beautiful turquoise blue and continuous bloomer; spikes of good size. .... ½ oz. \$1.00	.25
2510 Chinensis azureum. Deep blue. 3 ft. .... ¼ oz. 25c.	.05
2515 Chinensis album. Pure white. 3 ft. .... ¼ oz. 25c.	.05
2525 cardinale. Scarlet. 3 ft..... ½ oz. \$1.25	.15
2530 elatum. Blue. 4 ft... ¼ oz. 50c.	.05
2535 formosum. Dark blue, white center. 3 ft..... ¼ oz. 50c.	.05
2540 formosum celestinum. Azure blue. 3 ft..... ¼ oz. 60c.	.10
2545 formosum grandiflorum. New. Producing massive spikes; the flowers of a beautiful deep blue; often measure from 2 to 2½ inches across. 3 ft. .... ¼ oz. 50c.	.20
2550 King of Delphiniums. A beautiful semi-double sort, producing exceedingly large spikes. Flowers are of a deep blue with white eye..... ½ oz. \$1.00	.20
2555 speciosum. Bright blue. 3 ft... ¼ oz. 50c.	.10
2560 Sulphureum hybridum (Zalil). Sulphur yellow. 4 ft.....	.15

## DAHLIAS

Our Superb Collection of

Dahlia Bulbs

the largest to select from

See Special Section, this catalogue

Pages 108 to 121 inclusive.



**Dianthus.** (Garden Pink). In the following list of Dianthus or Garden Pinks will be found the best varieties for general use. We take especial care in selecting our stock and procure same from only the most experienced growers.

**CARNATION, Giant Marguerite.** H. H. P. From seed sown early in Spring, will bloom in July and continue until frost. Flowers are extra large and the greater percentage double, usually about three inches in diameter. 18 in.

No.			Pkt.
2570	<b>Finest Mixed</b> .....	1/8 oz. 50c.	\$0.10
2575	<b>Rose</b> .....	1/8 oz. 50c.	.10
2580	<b>Scarlet</b> .....	1/8 oz. 50c.	.10
2585	<b>White</b> .....	1/8 oz. 50c.	.10
2590	<b>Yellow</b> .....	1/8 oz. 50c.	.10
2595	<b>Giant of Nice.</b> (Riviera Market). Superior class of perpetual-flowered Carnations blooming six months after sowing, and surpassing all others in size, color and productiveness .....	1-16 oz. \$2.25	.25
2600	<b>Dianthus plumarius.</b> (Hardy Garden, or Old-Fashioned Clove Pink). A splendid free-flowering class, more hardy than the Carnation, and with a strong clove fragrance .....	1/4 oz. 30c.	.10
	<b>plumarius Cyclops.</b> A double variety of the popular Pheasant's Eye. Pink. Very hardy and showy. June to September.		
2605	<b>Double Mixed.</b> 12 in. ....		.25
2610	<b>Scoticus fl. pl.</b> (Paisley Pink.) Flowers resemble those used for forcing; exceptionally fragrant and most desirable for gardens .....		.25
	<b>semperflorens fl. pl.</b> (Everblooming Pink). Flowering in great profusion from June to October.		
2620	<b>Finest Mixed</b> .....		.15



Carnation Marguerite

DIANTHUS—Continued

No.		Pkt.
	<b>Chinensis fl. pl.</b> (Chinese, or Indian Pink). Flowers double, of great variety of colors.	
2625	<b>Finest Mixed</b> .....	Oz. 75c. \$0.05
	<b>Heddewigii fl. pl.</b> (Japanese Pink). Double flowers of brilliant colors.	
2630	<b>Finest Mixed</b> .....	1/4 oz. 25c. .05
2635	<b>Crimson Bells.</b> Double crimson; extra large .....	1/4 oz. 40c. .10
2640	<b>albus plenus.</b> Double white ..	1/4 oz. 60c. .10

**Dictamnus.** (Dittany, or Gas Plant). H. P. Flowers formed on long spikes; the leaves are thick and if rubbed emit a fine odor. The plant gives off a resinous matter which will readily ignite in warm weather.

2665	<b>fraxinella, Crimson and White.</b> 3 ft. ....	1/4 oz. 25c. .05
2667	<b>fraxinella alba</b> .....	1/4 oz. 30c. .10

**Digitalis.** (Foxglove). One of the finest of perennials, bearing long spikes of Gloxinia-like flowers of tubular shape. Plants will grow in partial shade and in almost any good garden soil; attains a height of 4 ft.

2670	<b>Canariensis.</b> Light yellow.....	1/8 oz. \$1.00 .25
2675	<b>Gloxinaeflora. Finest Mixed.</b> Spotted throat ...	1/8 oz. 15c. .05
2680	<b>alba.</b> White .....	1/8 oz. 15c. .05
2685	<b>rosea.</b> Pink .....	1/8 oz. 15c. .05
2690	<b>lilacina.</b> Lavender ..	1/8 oz. 15c. .05
2695	<b>Maculata superba</b> (Ivory's Spotted). ....	Oz. 75c. .05
2700	<b>Monstrosa. Finest Mixed.</b> Extra large flowers .....	1/4 oz. 50c. .10
2715	<b>purpurea</b> (Witches' Fingers)... ..	Oz. 50c. .05
2720	<b>Fiske's Superb Mixture</b> .....	1/4 oz. 50c. .10



Digitalis, Foxglove





Eschscholtzia, California Poppy

- Dimorphotheca.** Very beautiful, rare and free-flowering annual, of easy culture, forming bushy plants 8 inches high, covered with flowers 3 inches across, of a rich glossy orange-yellow color, with black center; blooms continuously. Pkt.
- No. 2725 **aurantiaca.** ..... ¼ oz. 50c. \$0.10
- DOLICHOS Lablab** (Hyacinth Bean). Rapid growing climbers; flowers borne in clusters. Attractive; ornamental.
- 2740 **Finest Mixed.** 10 ft....Oz. 25c. .05
- DORONICUM.** There is no finer Spring-blooming hardy perennial than this. The flowers are large, single and a fine yellow.
- 2760 **Caucasicum.** 1 ft..... .25
- DRACENA.** G. P. Very ornamental in greenhouses, with its long narrow leaves. Also used abundantly in centers of vases and urns.
- 2765 **Indivisa.** Narrow, dark green foliage ..... .10
- ECHINACEA** (Perennial Red Sunflower). H. P. Flowers large, varying from 6 to 10 inches across. Plants attain a height of 6 ft.; color purplish red.
- 2785 **Helianthus.** ..... .10
- ECHINOCYSTIS** (Wild Cucumber). One of the quickest growing vines; fine for covering waste places and stone walls.
- 2790 **lobata.** 20 ft.....Oz. 40c. .05

- No. Pkt.
- ECHINOPS** (Globe Thistle). H. P. Flowers formed in heads in globe form of steel blue color. Foliage deeply cut and of silvery-white color. Particularly attractive.
- 2795 **Retro.** ..... ¼ oz. 20c. \$0.05
- EDELWEISS** (Lion's Foot).
- 2800 **Leontopodium Sibiricum.** H. P. New. This variety, found in Russia, is fully double the size and is of easy culture. The large white blooms are readily produced in England, and can be as easily grown here, for the flowers are developed far better in the low country than are those of the Edelweiss of the Alps ..... .15
- 2805 **Leontopodium alpinum.** H. P. Flower heads are flat, resembling soft-cushioned foot of the lion. It is a native of the Swiss Alps and is used mostly in rockeries in moist, sandy locations. 6 in.. .15

- Eschscholtzia.** (California Poppy). One of the best annuals for bedding, having large, Poppy-like flowers varying in different shades of white and yellow. Foliage is very finely cut and the plants bloom from early Summer till frost.
- 2840 **Finest Mixed.** 18 in.....Oz. 40c. .05
- 2845 **Californica.** Yellow, orange center. Oz. 35c. .05
- 2850 **Californica alba.** Pure white.....Oz. 35c. .05
- 2855 **Rosy Carmine.** .....Oz. 60c. .05
- 2860 **Carmine King.** New. Very fine deep carmine. .... ¼ oz. 30c. .10
- 2865 **Golden West** (Maritima). Bright orange yellow. ....Oz. 35c. .05
- 2870 **Mandarin.** Bright orange, shaded crimson. Oz. 50c. .05
- 2875 **crocea.** Deep orange.....Oz. 35c. .05
- 2880 **Rose Queen.** Carmine rose..... ¼ oz. 50c. .10
- EUCALYPTUS** (Australian Blue Gum). H. H. P. Very decorative plant for greenhouse, with showy bluish foliage.
- 2885 **globosus.** 6 ft. .... ¼ oz. 50c. .05
- 2910 **Euphorbia pulcherrima** (Poinsettia). Charming greenhouse shrub for house or conservatory decoration, with beautiful large crimson bracts..... .25
- 2915 **heterophylla** (Mexican Fire Plant). H. A. Flowers formed in large bracts, usually about 6 inches across..... ¼ oz. 35c. .10
- 2920 **variegata** (Snow on the Mountain). H. A. Fine for bordering, with its clusters of white flowers and foliage variegated green and white. 15 in..... Oz. 50c. .05
- FEVERFEW.** See **Matricaria.**  
**FORGET-ME-NOT.** See **Myosotis.**  
**FOUR O'CLOCK.** See **Marvel of Peru.**  
**FOXGLOVE.** See **Digitalis.**



Dimorphotheca Auranthiaca



**Gaillardia.** (Blanket Flower). Very showy annual, used abundantly for borders and bedding and fine for cut flowers. Seed should be started early and will flower continually until frost.

No.	Annual Varieties.	Pkt.
2960	<i>picta</i> , Single Finest Mixed, 2 ft..Oz. 50c.	\$0.05
2965	<i>amblyodon</i> , Single deep red, 2 ft.....	.05
2970	<i>picta</i> <i>Lorenziana</i> , Double Finest Mixed, 2 ft....Oz. 60c.	.05
	Perennial Varieties.	
2975	<i>Grandiflora hybrida</i> , Finest Mixed. Continual bloomer; very showy and one of the most brilliant garden flowers. Fine for perennial borders.. $\frac{1}{4}$ oz. 25c.	.05
2980	<i>Grandiflora sanguinea</i> . The yellow color has been nearly eliminated from the blood-red flowers; only the extreme points of the petals still retain the yellow color, which appears as a golden seam on large and well-shaped flowers. .... $\frac{1}{4}$ oz. 50c.	.15
2990	<i>superba</i> . Large, red and yellow.. $\frac{1}{4}$ oz. 50c.	.10



Annual Gaillardia

**GAURA.** H. H. P. Flowering first year from seed if started indoors in February. Excellent for garden decoration, with its long spikes of pink or white flowers.

No.		Pkt.
2995	<i>Lindheimeri</i> , 2 ft. ....	\$0.05
	<b>GENTIANA</b> (Blue Gentian). H. P. Large, bell-shaped flowers of an intense blue color. A moist location is best suited for these plants.	
3010	<i>acaulis</i> , 4 ft.....	.10
	<b>GEUM</b> , H. P. Large, showy flowers in colors of scarlet and yellow. Fine herbaceous plants for shrubby border.	
3045	<i>Finest Mixed</i> , 1 ft.....	.05
	<b>GLOBE AMARANTH</b> (Comphrena). H. A. Globe-shaped, everlasting flowers. When in full bloom should be cut and hung up to dry; will hold their color all Winter.	
3060	<i>Finest Mixed</i> , 2 ft..... $\frac{1}{4}$ oz. 15c.	.05



Gerbera Jamesoni hybrida

No. 3030 **Gerbera Jamesoni hybrida.** A much improved strain, including some of the most exquisite colors and incomparable for their delicacy and richness, with an infinity of tints from pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet. Often the coloring of the disc varies from that of the rays. These beautiful flowers, with their long stems, are excellent for bouquets which retain their freshness from ten to fourteen days. ....\$0.35

3035 **Jamesoni**, G. P. (Transvaal Daisy). Beautiful Daisy of a brilliant orange-vermilion color on long stems, blooming almost the whole year if given greenhouse protection during Winter. .25



Gloxinia





Ornamental Grass, Eulalia zebrina

**GLOXINIA.** Though grown mostly from bulbs, may be grown very easily from seed and are also propagated by leaf cuttings. Flowers large, bell-shaped, of most brilliant, velvety colors; leaves thick; succulent and very ornamental. Pkt.

- No. 3075 **Fottler's Superb Mixture.** ..... \$0.50  
**LARGE FLOWERING BULBS.** See page 111.

**Godetia.** (Satin Flower). H. A. Rapid growing annual shrub, producing large, Mallow-like flowers; very ornamental in mixed beds. Plants require plenty of room and thrive better in a poor soil.

- 3090 **Crimson Glow.** Deep crimson. New. Grows about 9 in. high; finest variety for bordering; completely covered with clusters of flowers. .... ¼ oz. 60c. .10  
 3095 **Finest Mixed.** ..... ¼ oz. 20c. .05  
 3100 **Pure White.** ..... ¼ oz. 15c. .05  
 3105 **Lady Albemarle.** Dark crimson. ¼ oz. 20c. .05  
 3110 **Bright Scarlet.** ..... ¼ oz. 15c. .05  
 3115 **Schamini fl. pl.** A lovely bright rose color; very double. Very effective for bedding or cutting. 2 ft. .... ¼ oz. 50c. .10



Godetia

**Gourd's, Ornamental.** H. A. Climber. Quick growing vines; excellent for covering arbors, walls and waste places. Gourds grow in very curious shapes and are used for house ornaments.

- | No.  |   | Pkt.   |
|------|---|--------|
| 3120 | <b>Finest Mixed Varieties.</b> 15 ft. .... Oz. 25c.                   | \$0.05 |
| 3125 | <b>Apple Shaped</b> (Maliformus). Striped...                          | .05    |
| 3130 | <b>Bottle Shaped</b> (Lagenaria vulgaris). Light green. .... Oz. 25c. | .05    |
| 3135 | <b>Cannon Ball.</b> (L. rotunda) .... Oz. 25c.                        | .05    |
| 3140 | <b>Citron Shaped</b> (Cucurbita limoniformis).                        | .05    |
| 3145 | <b>Dipper, or Calabash.</b> .... Oz. 25c.                             | .05    |
| 3150 | <b>Dish Cloth</b> (L. Corsica) .... Oz. 25c.                          | .05    |
| 3155 | <b>Egg Shaped</b> (Cucurbita ovifera). White.                         | .05    |
| 3160 | <b>Gooseberry</b> (Cucumis grossularia) ....                          | .05    |
| 3165 | <b>Hercules' Club.</b> Often 4 ft. long. ....                         | .05    |
| 3170 | <b>Orange</b> (Cucurbita aurantiaca). Orange.                         | .05    |
| 3175 | <b>Pear Shaped</b> (Cucurbita pyriformis) ....                        | .05    |
| 3180 | <b>Powder Flask</b> (L. pyrotheca) .... Oz. 25c.                      | .05    |
| 3183 | <b>Serpent</b> (Cucumis flexuosus) .... Oz. 25c.                      | .05    |
| 3185 | <b>Striped Angora.</b> .... Oz. 25c.                                  | .05    |
| 3190 | <b>Chinese Red Turban.</b> .... Oz. 25c.                              | .05    |
|      | <b>Collection, one each of any six varieties.</b>                     | .25    |

**Grasses, Ornamental.** Valuable for their various colored foliage, some varieties for their flowers. Many sorts are useful in masses on lawns and in gardens.

- |      |  |     |
|------|--|-----|
| 3205 | <b>Arundo Donax variegata.</b> H. P. Drooping green and white striped leaves...  | .05 |
| 3207 | <b>Briza Maxima.</b> H. A. Loosely flowered panicles. ....   | .05 |
| 3208 | <b>Bromus Brizaeformis.</b> H. B. An elegant grass with drooping panicles of spikelets; useful in borders. ....          | .05 |
| 3210 | <b>Coix lachryma</b> (Job's Tears). H. A. 9 ft. Large, broad leaves, large shiny seed.                                   | .05 |
| 3215 | <b>Erianthus Ravennae.</b> H. P. Large graceful plumes and beautiful variegated foliage. 8 ft. ....                      | .05 |
| 3225 | <b>Eulalia zebrina</b> (Zebra Grass). H. P. Dark green leaves crossed by yellowish white bars. ....                      | .10 |
| 3230 | <b>Gynerium argenteum</b> (Pampas Grass). H. P. Large silvery plumes, requiring slight protection in Winter. 10 ft. .... | .05 |
| 3235 | <b>Hordeum jubatum</b> (Squirrel Tail Grass). H. A. Flowers in bushy panicles. 3 ft.                                     | .05 |
| 3240 | <b>Pennisetum longistylum.</b> H. A. Graceful drooping heads. Excellent for bouquets. 2 ft. ....                         | .05 |
| 3245 | <b>Pennisetum Rupellanum.</b> H. P. Foliage long and slender, the silvery plumes tinged with violet. 3 ft. ....          | .05 |
| 3250 | <b>Stipa pennata</b> (Feather Grass). H. P. Silvery white, feathery plumes. 2 ft.  | .05 |
|      | <b>GREVILLEA</b> (Silk Oak). G. P. Fern-like foliage. Fine decorative plant for house or greenhouse.                     |     |
| 3260 | <b>robusta.</b> .... ¼ oz. 80c.  | .10 |



- Gypsophila.** (Baby's Breath). Graceful plants, with tiny flowers produced in abundance in loose panicles. Excellent for their delicate effect in bouquets. Pkt.
- 3265 **Paniculata fl. pl.** H. P. An exceedingly fine new double of the purest white, superseding in every respect the original *Gypsophila paniculata*. .....\$0.20
- 3270 **Grandiflora alba.** H. A. Extra large flowers, pure white. ¼ lb. \$1.00, oz. 30c. .10
- 3275 **elegans.** H. A. Pure white tiny flowers. ¼ lb. 75c., oz. 20c. .05
- 3280 **carminea.** New. Bright carmine rose. Bushes grow about 10 inches high; very free flowering. ....¼ oz. 20c. .10
- 3285 **muralis.** H. A. Bright rose...¼ oz. 25c. .05
- 3290 **Paniculata.** H. P. Pure white. Plants make fine clumps for garden use.... ¼ oz. 30c. .05

- HELENIUM** (Sneezewort). H. P. Very showy herbaceous plant; flowers mostly yellow and similar to the *Rudbeckia*.
- 3295 **Bigelowi.** Yellow. 2 ft. ....¼ oz. \$1.00 .10
- 3300 **autumnale superbum.** Rich yellow. 5 ft. .10
- 3305 **Hoopesii.** Pure orange yellow. Extra early. ....¼ oz. 50c. .15

## New Red Sunflower

The new Red Sunflower is easily grown from seed the same as all of the *Helianthus* family, and usually thrive in any sunny location with ordinary garden soil.

Splendid garden annual, quite showy, of quick, robust growth, while the large blooms make a splendid effect on the long stems; the flowers when cut are excellent for house decoration and of a lasting quality.

Colors are not truly fixed and may produce some yellow blooms, but the larger proportion are of a fine red, tipped yellow. Pkt. 15c.



*Helianthus cucumerifolius*



New Red Sunflower

**Helianthus.** (Sunflower). Tall-growing sorts; fine for background along fences and walls or large borders. Small varieties useful for cutting.

- | No.  | ANNUAL VARIETIES  | Pkt.   |
|------|---|--------|
| 3320 | <b>Californicus fl. pl.</b> Double deep yellow. 5 ft. ....Oz. 25c.  | \$0.05 |
| 3325 | <b>Chrysanthemum-Flowered.</b> Extra large, double flowers, 6 to 10 inches in diameter. 5 ft. ....Oz. 50c.  | .05    |
| 3330 | <b>globosus fistulosus.</b> Large globe-shape flowers, rich saffron color. 7 ft. Oz. 25c.   | .05    |
| 3335 | <b>cucumerfolius</b> (Miniature). Single yellow, black center. ....Oz. 50c.   | .05    |
| 3340 | <b>Circe.</b> Bright yellow, twisted petals...  | .05    |
| 3345 | <b>Purity.</b> Very nearly pure white. 4 ft.  | .05    |
| 3350 | <b>Venus.</b> Yellow, dark center, with golden ring. 4 ft. ....Oz. 75c.   | .05    |
| 3355 | <b>Mammoth Russian.</b> Yellow. Common Sunflower. 6 ft. ....Oz. 10c.  | .05    |
| 3360 | <b>Primrose Queen.</b> Large single, primrose yellow. 5 ft. ....Oz. 50c.  | .05    |
|      | <b>PERENNIAL VARIETIES</b>  |        |
| 3365 | <b>Maximiliana.</b> Clear yellow; several rows of large ray petals and full center, flowering until late in Fall. 6 ft....                        | .10    |
| 3370 | <b>mollis.</b> Single light yellow, silvery white foliage. ....¼ oz. 50c.   | .15    |
| 3375 | <b>orgyalis.</b> Light yellow, small flower; long, narrow leaves; height 7 ft. ....   | .10    |
| 3380 | <b>rigidus.</b> Golden yellow with dark center. 6 ft. ....  | .10    |
|      | <b>HELICHRYSUM</b> (Everlasting). H. A.   |        |
| 3395 | <b>monstrosum fl. pl.</b> Finest Mixed. One of the best dried flowers for house decoration and will grow in almost any soil. 2 ft. ....¼ oz. 30c. | .05    |
| 3400 | <b>HELIOPSIS Pitcheriana</b> (Orange Sunflower). H. P. Flowers orange yellow, blooming in September. 3 ft. ¼ oz. 35c.                             | .10    |
|      | <b>Heliotrope.</b> Greenhouse shrub. Excellent for bedding; very fragrant; fine for cutting. Grows well in house.                                 |        |
| 3405 | <b>Finest Mixed.</b> 2 ft. ....¼ oz. 40c.   | .10    |
| 3407 | <b>Mme. de Blonay.</b> An exceptionally fine pure white; a good keeper for bouquets   | .15    |
| 3408 | <b>Triomphe de Llege.</b> Delicate light blue.  | .15    |
| 3410 | <b>Queen Marguerite.</b> Extra large; deep blue; very fragrant. ....  | .20    |
|      | <b>HESPERIS matronalis</b> (Sweet Rocket). H. P. Flower early in the Spring, thriving well in any common soil; very fragrant. 2 to 3 ft.          |        |
| 3415 | <b>Finest Mixed.</b> Double. ....Oz. 30c.   | .05    |
| 3420 | <b>Pure White.</b> Double. ....Oz. 30c.   | .05    |
|      | <b>HEUCHERA.</b> H. P. One of the finest small perennials; flowers are in clusters, small and bell-shaped. 15 in.                                 |        |
| 3425 | <b>gracillima</b> (Coral Bells). Bright pink..  | .15    |
| 3430 | <b>sanguinea.</b> Scarlet. 15 in. ....¼ oz. 60c.  | .10    |



**Hibiscus.** (Mallow). Vigorous-growing plants, producing large, handsome flowers, about six inches across. Very desirable for mixed beds or borders. Pkt.

No.					
3435	<b>Africanus.</b>	H. A. Yellow.	2 ft...	¼ oz 15c.	\$0.05
3440	<b>Crimson Eye.</b>	H. P. Pure white, crimson center. Will flower first season from seed in open ground.....	¼ oz.	35c.	.10
3445	<b>Golden Bowl.</b>	Canary yellow, with black center. Annual. July to October. 2 ft. ....	¼ oz.	40c.	.10
3450	<b>militaris.</b>	H. A. Rose pink, carmine center. 6 ft. ....	¼ oz.	50c.	.10
3455	<b>Moscheutos albus</b> (Swamp Mallow). H. P. Native swamp Mallow is one of the most useful, flowering freely from July to September. 4 ft.....		Oz.	75c.	.10
3460	<b>Moscheutos roseus.</b>	H. P. Same type as above. 4 ft. ....	Oz.	75c.	.10

## Hollyhocks

H. B. Our strain of seed of this old-time favorite is without doubt unsurpassed. The tall, stately spikes bear immense quantities of blooms of the most brilliant colors, both in the single and double varieties. They succeed best in a rich, well-drained soil, requiring slight protection during the Winter. 6 ft.



Single Hollyhocks



Hibiscus Moscheutos albus

### CHOICE SINGLE VARIETIES

No.			Pkt.
3470	<b>White.</b>	¼ oz. 50c.	\$0.10
3475	<b>Yellow.</b>	¼ oz. 50c.	.10
3480	<b>Bright Rose.</b>	¼ oz. 50c.	.10
3485	<b>Delicate Pink.</b>	¼ oz. 50c.	.10
3490	<b>Purple.</b>	¼ oz. 50c.	.10
3495	<b>Carmine.</b>	¼ oz. 50c.	.10
3500	<b>Crimson.</b>	¼ oz. 50c.	.10
3505	<b>Black.</b>	¼ oz. 50c.	.10
3510	<b>Finest Mixed.</b>	¼ oz. 50c.	.10
	<b>Collection of eight varieties.</b>		.75

**CHATER'S DOUBLE HOLLYHOCKS.** An exceptionally choice strain of all double flowers, and true to color. Our stock is grown by a specialist of this important family of the flowery kingdom.

3515	<b>"PINK BEAUTY."</b>	The outer petals of these gigantic flowers are a brilliant pink, while all the inner frilled petals are of the purest white, the two colors making a beautiful contrast. ....	¼ oz. 75c.	.15
3518	<b>PINK QUEEN.</b>	(New). Very delightful salmon pink flowers, very full double. ....	¼ oz. 75c.	.15
3520	<b>Finest Mixed.</b>	.....	¼ oz. 50c.	.10
3525	<b>Bright Rose.</b>	.....	¼ oz. 50c.	.10
3530	<b>Flesh Color.</b>	.....	¼ oz. 50c.	.10
3535	<b>Maroon.</b>	.....	¼ oz. 50c.	.10
3540	<b>Red.</b>	.....	¼ oz. 50c.	.10
3545	<b>Sulphur Yellow.</b>	.....	¼ oz. 50c.	.10
3550	<b>White.</b>	.....	¼ oz. 50c.	.10
	<b>Collection of six varieties.</b>	.....		.50

**Hollyhock, Mammoth Alleghany.** Petals beautifully laced and fringed; very robust habit, and enormous flower, measuring 5 inches across; splendid rich color; both single and semi-double.

3565	<b>Finest Mixed.</b>	¼ oz. 50.	.10
	<b>Hollyhock, Everblooming.</b>	H. A. Flowers the first season from seed. Seed should be sown during February or early March to insure flowering during summer months.	
3570	<b>Finest Single Mixed.</b>	¼ oz. 30c.	.15
3575	<b>Finest Double Mixed.</b>	¼ oz. 50c.	.25



**Honesty.** (*Lunaria biennis*). H. B. Flowers blue and white, and white. The large oval, silvery seed pouches are quite ornamental in bouquets. Pkt.  
3580 **Finest Mixed.** 2 ft. .... ¼ oz. 20c. \$0.05

**Humulus.** (*Japanese Hop*). H. A. Climber. Of rapid growth. Foliage very dense, similar in shape to the common Hop. Very seldom affected by insects or extreme heat, retaining its foliage until frost. Fine for covering verandas and trellises, attaining a height of 12 ft.

3590 **Japonica.** White. .... Oz. 50c. .05  
3595 **Japonica variegata.** Foliage beautifully marbled and splashed silvery white, light and dark green and white. Oz. 75c. .05

**HUNNEMANNIA** (*Giant Tulip Poppy*).

H. A. Seed may be sown in May and will flower first season. Foliage is finely cut, similar to California Poppy.

3605 **fumarifolia.** Golden yellow. ¼ oz. 50c. .10

**HYPERICUM** (*St. John's Wort*). H. P.

The single yellow flowers are very showy, growing well in sandy soils and shady locations.

3610 **elegans.** 1 ft. .... .05

**ICE PLANT.** See *Mesembryanthemum crystallinum*.

**IMPATIENS** (*Balsam*). G. P. Excellent pot plants for house or greenhouse; the axillary flowers are borne in profusion and are continually in bloom.

3615 **Holstii.** Vermilion. 1 ft. .... .15

3620 **Holstii Hybrids.** **Finest Mixture.** 1 ft. .15

3625 **Sultani.** Carmine rose. 1 ft. .... .15

3630 **Sultani hybrida.** **Finest Mixed.** 1 ft. .15

**INCARVILLEA.** H. P. Leaves about two feet long and of pale green color. Gloxinia-like flowers, somewhat divided, borne on long stems; of bright rose color, 2 inches across.

3635 **Delavayi.** 2 to 3 ft. .... ½ oz. 40c. .25



**Humulus Japonicus**



**Japanese Morning Glory**

**Ipomoea**  
(*Morning Glory*)

One of our most popular annual climbers, and without doubt familiar to most lovers of flowers. Very ornamental for verandas, fences and for covering rockeries. 10 to 15 ft.

No.		Pkt.
3650	<b>Purpurea</b> ( <i>Convolvulus major</i> , The common Morning Glory). Showy annual climber, of easiest culture, succeeding well in any ordinary soil, and very satisfactory for covering fences and unsightly places; in many brilliant colors. ¼ lb. 35c., oz. 15c. \$0.05	
3655	<b>Convolvulus minor.</b> <b>Finest Mixed.</b> ( <i>Dwarf Morning Glory</i> ). Early-flowering hardy annual, with bright flowers, of very easy cultivation. 2 ft. .... Oz. 25c. .05	
3660	<b>cærulea.</b> Blue. 10 ft. .... Oz. 20c. .05	
3665	<b>Imperialis</b> ( <i>Japanese Morning Glory</i> ). A great improvement over the old-fashioned sorts. Flowers are larger, fringed, and of an unlimited variety of colors. .... Oz. 35c. .10	
3670	<b>Imperialis</b> ( <i>New Day Glory</i> ). An improved Ipomoea, remaining in bloom throughout the day and containing all the variety of colors in the regular Japanese Morning Glory. .... ½ oz. 25c. .15	
3675	<b>Grandiflora alba</b> ( <i>Moonflower</i> ). Large heart-shaped leaves and large, pure white flowers, opening in the evening. 10 ft. Oz. 75c. .10	
3680	<b>rubro-cærulea</b> ( <i>Heavenly Blue</i> ). Beautiful, large, sky-blue flowers. 15 ft. .... .10	
3685	<b>setosa</b> ( <i>Brazilian Morning Glory</i> ). Large, ornamental foliage, with bright rose flowers. Grows very fast and dense. Oz. 75c. .10	
3690	<b>Leari.</b> ( <i>Blue Dawn Flower</i> ). Intense bright blue. .... ¼ oz. \$1.00 .10	

**Iris.** **Kaempferi** (*Japanese Iris*). H. P. Flower of enormous size, flat and comprises some of the most vivid colors, both self and heavily veined.

3700 **Finest Mixed.** 3 ft. .... ¼ oz. 35c. .10  
Large size clumps of named varieties.

**JACOB'S LADDER.** See *Polemonium*.





Lathyrus latifolius

**Lathyrus. latifolius** (Perennial Pea). H. P. Large clusters of red, white or pink flowers, resembling the Sweet Pea. Fine for covering walls, stumps, trellises and for ledgy places.

No		Pkt.
3800	<b>White.</b> .....Oz. 75c.	\$0.10
3805	<b>Rose.</b> .....Oz. \$1.00	.10
3810	<b>Scarlet.</b> .....Oz. 60c.	.10
3815	<b>Finest Mixed.</b> .....Oz. 60c.	.10

## Lavatera Splendens

### SUNSET

The Lavatera is one of the best of the beautiful varieties of Mallow, and is of particularly easy culture. Lavatera should be more generally grown both for its graceful habits and its excellent cutting qualities. This new variety which adds another distinct color to the varieties now used, has proved very satisfactory.

The color is a very deep rose pink of charming brightness. The habit of the plant is greatly improved, being more compact and attaining a height of 2½ feet.

Very effective when used as cut flowers, and is especially valuable on account of its lasting qualities. It is also greatly admired as a bedding plant.

**Pkt. 20c.**

**Kochia.** (Summer Cypress, or Mexican Fire-bush.) H. A. Pretty little bushes of pyramidal shape; foliage delicate green, the little tiny, brilliant scarlet flowers completely covering the whole plant. Excellent for hedges along walks in garden.

No.		Pkt.
3705	<b>tricophylla.</b> 3 ft. ....¼ oz.	20c.\$0.05

3710	<b>KENILWORTH IVY</b> (Linaria Cymbalaria). Tender perennial of trailing habit, bearing small violet flowers. Fine for hanging baskets and rustic designs.....	.10
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**LANTANA hybrida.** G. P. Free-flowering plants of shrubby growth; fine house plants; good for mixed beds, blooming all Summer.

3715	<b>Finest Mixed.</b> 3 ft. ....¼ oz.	25c. .10
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**Larkspur.** H. A. The tall, graceful spikes of the most brilliant colors of blue, scarlet, rose, lilac and white are excellent for cutting. Ornamental in the garden.

### ANNUAL VARIETIES.

#### CANDELABRA, Double.

3720	<b>Dwarf Finest Mixed.</b> 1 ft..Oz. 75c.	\$0.05
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#### TALL EMPEROR.

3725	<b>Double Azure Blue.</b> 2 ft..Oz. 75c.	.05
3730	<b>Brilliant Rose.</b> 2 ft.....Oz. 75c.	.05
3735	<b>Scarlet.</b> 2 ft.....Oz. 75c.	.05
3740	<b>Pure White.</b> 2 ft.....Oz. 75c.	.05
3745	<b>Finest Mixed.</b> 2 ft.....Oz. 75c.	.05

#### GIANT HYACINTH-FLOWERED.

3750	<b>Pure White.</b> 2 ft.....Oz. 75c.	.05
3755	<b>Shell Pink.</b> 2 ft.....Oz. 75c.	.05
3760	<b>Salmon Rose.</b> 2 ft.....Oz. 75c.	.05
3765	<b>Brilliant Scarlet.</b> 2 ft...Oz. 75c.	.05
3770	<b>Deep Rose.</b> 2 ft.....Oz. 75c.	.05
3775	<b>Light Azure Blue.</b> 2 ft..Oz. 75c.	.05
3780	<b>Dark Blue.</b> 2 ft.....Oz. 75c.	.05
3785	<b>Finest Mixed.</b> 2 ft.....Oz. 75c.	.05

#### TALL ROCKET.

3790	<b>Double Finest Mixed.</b> 3 ft. Oz. 50c.	.05
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**PERENNIAL VARIETIES.** See Delphinium.



Lavatera splendens, Sunset



- Lavatera.** H. A. Large, glabrous leaves, quite ornamental. The Malva-like flowers borne on terminal racemes two to four inches across. Pkt.
- 3820 **trimestris rosea.** Pink 2 to 6 ft.....Oz. 40c. \$0.05
- 3825 **trimestris alba.** White. 3 to 6 ft.....Oz. 40c. .05
- 3830 **arborea variegata.** Very ornamental for the garden or as a pot plant, with large, handsomely variegated foliage. 4 ft...¼ oz. 35c. .10
- LAVENDER.** H. P. Flowers borne on long, cylindrical spikes of rich violet color.
- 3835 **English Sweet.** 1½ ft.....¼ oz. 20c. .05
- LEPTOSIPHON.** H. A. Beautiful in flower and foliage, and a profuse bloomer from June to frost; excellent for beds, borders, baskets, etc. 1 ft.
- 3840 **French Hybrids. .Finest Mixed.....** ¼ oz. 35c. .05
- LEPTOSYNE.** Free-flowering hardy annual, with large, single yellow Coreopsis-like flowers on long stems; fine for cut flowers. August to October.
- 3845 **maritima.** 2 ft. ....¼ oz. 50c. .10
- LIATRIS (Blazing Star).** H. P. Flowers produced in wand-like spikes or racemes. Grouped in masses, they give the best effects. Thrives best in a poor soil.
- 3850 **spicata.** Rosy-lilac. 3 ft. ....½ oz. 25c. .10
- LINUM (Flax).** Flowers are borne on terminal racemes or cymes; though short-lived keep continually blooming. Plants of both annual and perennial of easy culture.
- 3855 **flavum.** H. P. Golden yellow. 1 ft...¼ oz. 75c. .10
- 3860 **perenne.** H. P. Blue. 1½ ft.....Oz. 50c. .10
- 3865 **grandiflorum rubrum.** H. A. Scarlet. 1 ft. Oz. 40c. .05



Lupin, Pink Beauty



Lobelia, hybrida Sapphire

## Lobelia, HYBRIDA SAPPHIRE

The increasing demand for new varieties of plants that will succeed well in window and piazza boxes, and which are useful as trailers for hanging baskets and vases, must naturally attract attention to such useful and ornamental species as the Lobelia.

The accompanying illustration represents a new and novel addition to this interesting family.

The blossoms of the Lobelia Sapphire are of extra size, usually measuring ¾ inch across, and are very thickly set on the long, graceful sprays of foliage; these sprays often attain a length of two feet. The flower in color is of a deep sapphire blue (from whence it derives its name) and in addition the large and well defined white eye, which occupies about one-third of the corolla, makes a very pleasing contrast and is quite effective.

The seed, if sown in September, should commence to bloom about April in the greenhouse, and if sown during January the plants should flower during the latter part of May or June and continue till late Autumn.

Pkt. 25c.

**Lobelia.** H. H. A. One of the commonest of the half-hardy annuals, used extensively for edgings, urns and baskets. Plants require rich soil and plenty of water. Flowers should be kept cut back to allow flowering until frost. Pkt.

Plants see page 122.

- 3880 **Crystal Palace compacta.** Deep blue. Fine for carpet bedding and edging. 4 in.... ½ oz. 50c. \$0.10
- 3883 **speciosa (Crystal Palace Variety).** Deep ultramarine blue, dark foliage, trailing... ½ oz. 40c. .10
- 3885 **Erinus gracilis.** Deep blue, trailing. 1 ft. ¼ oz. 40c. .10
- 3888 **Light Blue.** Emperor William. Very compact, light sky-blue; extra fine... ½ oz. 25c. .10
- 3890 **Erinus albus.** White. 1 ft.....¼ oz. 50c. .10
- 3895 **cardinalis (Cardinal Flower.)** H. P. Intense scarlet. 3 ft. ....1-16 oz. 75c. .10





Four O'Clock, Marvel of Peru—See page 85

**Lupinus.** (Lupins.) Annual varieties. H. A. Showy plants with handsome, conspicuous flowers, borne in terminal racemes, somewhat resembling the Sweet Pea. Used extensively for bedding.

No.	ANNUAL VARIETIES	Pkt.
3910	Finest Mixed. 3 ft. ....	Oz. 50c. \$0.05
3915	Pink Beauty. Salmon pink, exceptionally fine for forcing or garden use. Oz. 60c.	.10
3920	Salmon King. Dwarf; salmon pink. Oz. 60c.	.10
3925	Snowdrop. Pure white. ....	Oz. 60c. .10
3930	Rising Sun. Giant pink; tall, showy. Oz. 60c.	.10
3935	North Pole. Yellow and blue. ....	Oz. 60c. .10
3940	Harlequin. Bright scarlet, white tip. Oz. 60c.	.10
3945	Azure Queen. Celestial-blue. ....	Oz. 60c. .10
3950	hybridus roseus. Bright pink. ....	Oz. 75c. .10
3955	subcarnosus. Deep blue. 3 ft. ....	Oz. 60c. .05
3960	sulphureus superbus. Yellow, 3 ft. ....	.10

**PERENNIAL VARIETIES**

3965	polyphyllus. Blue. 3 ft. ....	¼ oz. 20c. .05
3968	Rose. ....	¼ oz. 40c. .10
3970	White. 3 ft. ....	¼ oz. 20c. .05
3980	Douglasii. Finest Mixed. Various shades of pink, purple, blue and white. If sown early will flower the same year. ¼ oz. 30c.	.15
3983	Moerheimi. (New). Blooms nearly all Summer, color rose and white, rather dwarf habit. ....	¼ oz. 75c. .15
3985	Perennial Finest Mixed. ....	Oz. 50c. .05

**Lychnis.** H. P. One of the finest herbaceous perennials, perfectly hardy and very ornamental. Flowers of great brilliancy.

3988	Arkwrightii. (New). A cross between L. Chalcedonica and Haageana; rich, effective colors. 2 to 3 ft. ....	.25
3990	Chalcedonia (Maltese Cross). Intense scarlet. 2 ft. ....	¼ oz. 15c. .05
3995	Flos-cuculi (Cuckoo Flower). Deep red 2 ft. ....	¼ oz. 50c. .10
4000	Haageana hybrida. Large heads in colors of white, pink, yellow and crimson. 2 ft. ....	¼ oz. 50c. .10
4005	Viscaria splendens. Brilliant deep red; double. 18 in. ....	¼ oz. 20c. .05
4010	Lagascæ rosea. Forms little bushes with pretty foliage and conspicuous bright rose flowers, which yield continuously from May until the end of June. ....	.25
	<b>LYTHRUM.</b> H. P. Immense spikes of bright rose-colored flowers, thriving well in moist places.	
4015	roseum superbum. 4 ft. ....	¼ oz. 25c. .05

**Malope.** H. A. Showy, Mallow-like flowers, requiring a good soil and open situation; quite hardy and may be sown in the open in April or May. Pkt.

4020	grandiflora rosea. Rose pink. 3 ft. ....	Oz. 35c. \$0.05
4025	grandiflora alba. White. 3 ft. ....	Oz. 35c. .05
4030	grandiflora rubra. Red. 3 ft. ....	Oz. 35c. .05

**Malva.** H. P. Large showy flowers, thriving well in almost any soil, and blooming all Summer.

4040	Alcea (Hollyhock Mallow). Deep pink. 3 ft. ....	¼ oz. 35c. .05
4050	moschata (Musk Mallow). Rose pink. Will bloom first season from seed. 3 ft. ....	¼ oz. 35c. .10
4060	moschata alba. White. 3 ft. ....	¼ oz. 35c. .10
4070	MATHIOLA bicornis (Evening Scented Stock). H. A. Purplish lilac flowers on long, strong spikes; very fragrant in the evening. 1 ft. Oz. 50c., ¼ oz. 15c.	.05

**MARIGOLD (TAGETES)**

Old-fashioned flowers, rich and showy, blooming continually all Summer; excellent for bouquets and a beautiful garden plant. Tall African varieties best for garden and cutting, while French varieties are fine for edging. Annual.

	MAMMOTH AFRICAN, Double.	Pkt.
4100	Finest Mixed. 3 ft. ....	¼ oz. 20c. \$0.05
4105	Lemon. 3 ft. ....	¼ oz. 20c. .05
4110	Orange, 3 ft. ....	¼ oz. 20c. .05
	AFRICAN QUILLED, Double.	
4120	Finest Mixed. 3 ft. ....	¼ oz. 25c. .05
4125	Lemon, 3 ft. ....	¼ oz. 25c. .05
4130	Orange. 3 ft. ....	¼ oz. 25c. .05
4135	FRENCH, Tall Double. Finest Mixed. 3 ft. ....	¼ oz. 15c. .05
	FRENCH, Dwarf Double.	
4140	Finest Mixed. 2 ft. ....	¼ oz. 15c. .05
4145	Striped. 2 ft. ....	¼ oz. 20c. .05
4150	Sulphur Yellow. 8 in. ....	¼ oz. 25c. .05
4155	Brown. 8 in. ....	¼ oz. 15c. .05
	SINGLE VARIETIES	
4165	Sulphur Yellow, Brown Spots. 8 in. ....	¼ oz. 20c. .05
4170	Golden Yellow. 8 in. ....	¼ oz. 20c. .05
4175	Legion of Honor. Little Brownie. Large single, golden yellow with purple blotch. 1 ft. ....	¼ oz. 20c. .05
4180	Signata pumila (Miniature Golden Yellow). Very dwarf; compact; density of bloom all Summer. Excellent for borders. ....	¼ oz. 25c. .05



Marigold, Mammoth African



**Marvel of Peru.** (Four O'Clock). H. A. Large, showy, fragrant flowers, blooming the entire season. Succeeds well in any ordinary garden soil; flowers are usually crimson-yellow and purple, requiring a sunny location. Fine for beds or borders. Pkt.  
No. 4200 **Finest Mixed.** ..... ¼ lb. \$1.00, oz. 30c. \$0.05

**MATRICARIA** (Feverfew). H. H. P. Should be treated as an annual. Seed should be sown early in hothouse and transplanted in the open after danger from frost is over. Flowers borne on long, delicate stems.  
4205 **grandiflora fl. pl.** Pure white. Double.. ⅓ oz. 25c. .05  
4210 **exima** (Golden Ball). Double yellow.. ⅓ oz. 40c. .10

**MAURANDYA.** G. P. Twining vine, especially adapted to hanging basket and window boxes. A delicate vine which succeeds well in house during Winter months. 3 ft.  
4215 **Finest Mixed.** ..... ¼ oz. 50c. .10

**MESEMBRYANTHEMUM.**  
4220 **crystallinum** (Ice Plant). H. A. Grown for its peculiar leaves, which are covered with small watery pustules, and glisten like ice. Flowers white. 1 ft. ¼ oz. 25c. .05  
4225 **tricolor.** Succeeding well in hot sandy soil; leaves thick and fleshy; flowers very brilliant and embrace all shades of orange, crimson, pink and white. ¼ oz. 25c. .05

**Mignonette.** This popular annual is grown extensively for borders and edging, and is also used for forcing in greenhouses. Flowers are inconspicuous, borne on terminal spikes, very fragrant and excellent for cutting. Seed may be sown indoors in March or in the open the latter part of May. For Winter flowering sow in August and seedlings will be ready for potting in September.

4250 **FOTTLER'S ECLIPSE.** Very fragrant variety, producing in great profusion enormous spikes 10 to 15 inches long; superior to all other sorts for Winter growing, exhibition or cutting. Seed from under glass..... ¼ oz. \$3.00 .25  
4255 **Mammoth Fragrant.** Of robust and vigorous habit; immense spikes; very fragrant. 2 ft. .... Oz. \$3.50 .15  
4260 **Giant Defiance.** Spikes, when well grown in greenhouse, average 10 to 15 in. Oz. 75c. .10  
4265 **Goliath.** Large spikes of bright red flowers; excellent fragrance.. ¼ oz. 50c. .10  
4270 **Sweet Scented** (Reseda odorata grandiflora). Old-fashioned border variety. Lb. \$1.50, ¼ lb. 50c., oz. 20c. .05  
4275 **Giant Crimson.** 18 in. .... ¼ oz. 25c. .05  
4280 **Improved Machet.** Immense spikes of reddish green flowers; very fragrant. ¼ oz. 30c. .10  
4283 **Golden Machet.** Large spike.. ¼ oz. 35c. .10  
4285 **White Pearl.** Excellent spikes; whitest flowers. .... ⅓ oz. 30c. .10

**MIMOSA** (Sensitive Plant). H. H. A. Flowers globular, oblong, purplish color. Easily grown from seed. When touched leaflets close.  
4290 **pudica.** 18 in. .... ⅓ oz. 25c. .10  
**MIMULUS** (Musk Plant). G. A.  
4295 **moschatus.** Pale yellow flowers, lightly dotted and splashed with brown, ¾ inch across. 6 in. .... 1-16 oz. 35c. .10  
**MINA.** H. A. Charming free-flowering herbaceous climbers; a genus of Morning Glory. 18 to 20 ft.

4305 **Lobata.** Vivid red buds, turning to creamy white when open..... .10  
4310 **Sanguinea.** Brilliant blood-red..... .05

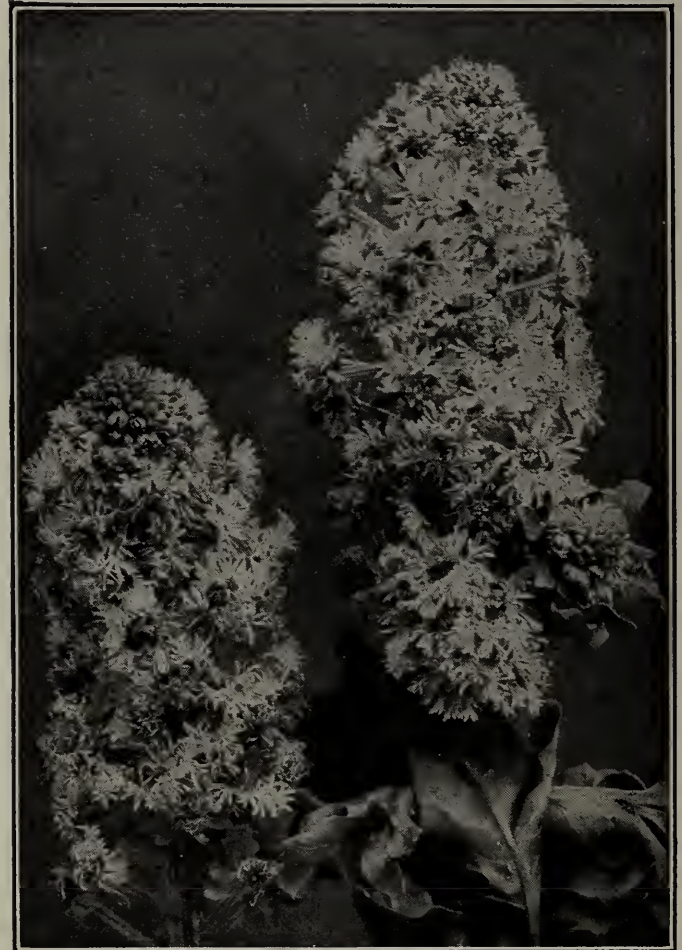
**Momordica.** H. A. Handsome tendrill climbers, bearing odd-shaped fruit.  
4315 **Balsamina** (Balsam Apple).... ¼ oz. 20c. .05  
4320 **Charantia** (Balsam Pear)..... ¼ oz. 20c. .05

**MONARDA** (Bee Balm). H. P. Large heads of wide-mouthed flowers, brilliant and effective. Moist, dark locations are most suitable; will thrive in less moist and sunny borders. Pkt.  
No. 4325 **didyma.** 2 ft. .... \$0.15

**MORNING GLORY.** See *Ipomoea purpurea*.  
**MOURNING BRIDE.** See *Scabiosa*.

**MUSA** (Abyssinian Banana). Large broad leaves, light green; easily grown from seed. Ornamental for vases, urns, and large beds.

4330 **Ensete.** ..... .15  
**MUSK PLANT.** See *Mimulus*, *Moschatus*.



Mignonette, Fottler's Eclipse

**Myosotis.** (Forget-Me-Not). H. H. P. Small, star-like flowers, borne on terminal racemes. Excellent for borders and flowering extremely early. Seed should be sown in August and young plants wintered in coldframes. Pkt.  
No. 4340 **Finest Mixed.** 8 in. .... ¼ oz. 30. .05  
4345 **RUTH FISCHER.** The largest and finest Forget-Me-Not; flowers measure from ⅓ to ½ inch across and are of a lovely sky-blue; of great value for forcing, pot culture or Spring bedding..... .15  
4350 **grandiflora robusta** (Eliza Fonrobert). Large, bright blue flowers.. ¼ oz. 30c. .10  
4355 **alpestris rosea.** Large pink flowers.... .10  
4360 **BLUE PERFECTION.** Beautiful dwarf. Indigo blue, very compact.. ¼ oz. \$1.00 .15  
4365 **alba.** Large white flowers.... ¼ oz. 30c. .10  
4370 **indigo.** Large deep blue..... ¼ oz. 40c. .10  
4375 **VICTORIA.** Bright blue; dwarf, compact habit. Excellent for borders and baskets. 6 in. .... ⅓ oz. 50c. .10  
4380 **dissitiflora.** Extra large, rich blue flowers. Fine for pot plants.... ¼ oz. 75c. .15  
4385 **palustris semperflorens.** Excellent bright blue, flowering very early and continuing until Autumn. 6 in..... .10



# NASTURTIIUM (TROPAEOLUM)

One of the best known and popular annual climbers. Flowers are borne in great profusion the whole season, lasting until frosty weather. Very useful for porch coverings, also for hiding old fences. Excellent for trailing over stone heaps or rockeries. The Nasturtium has been greatly improved in the past few years in size, as well as in colors and markings.

## Tall Climbing or Running Varieties

No. Attain a height of from 10 to 12 feet. Pkt.

- 4400 **Blue Ribbon Mixture** The quality of this mixture is not to be excelled by any, every precaution being taken to have nothing but the best and largest flowering varieties used and the finest assortment of colors obtainable, particularly free flowering, and the true climbing species.  
Lb. \$1.50, ¼ lb. 50c., oz. 20c. \$0.10
- 4410 **FINEST ENGLISH MIXED.** An imported mixture, containing a large assortment of rich and brilliant colors.  
Lb. \$1.00, ¼ lb. 30c., oz. 10c. .05
- 4415 **TALL ONYX MIXTURE.** Silvery variegated foliage, hardly two leaves alike. Flowers assorted colors. .... ¼ lb. 75c., oz. 25c. .10
- 4420 **Von Moltke.** Blush rose. .... Oz. 15c. .05
- 4425 **Edward Otto.** Brownish lilac. .... Oz. 15c. .05
- 4430 **Dark Crimson.** .... Oz. 15c. .05
- 4435 **King Theodore.** Deep maroon with dark foliage. .... Oz. 15c. .05
- 4440 **Light Yellow.** .... Oz. 15c. .05
- 4445 **Dunnett's Orange.** .... Oz. 15c. .05
- 4450 **Pearl.** White. .... Oz. 15c. .05
- 4455 **Vesuvius.** Salmon rose, dark foliage. .... Oz. 15c. .05
- 4460 **Scarlet.** .... Oz. 15c. .05
- 4465 **Prince Henry.** Yellow, marbled scarlet. .... Oz. 15c. .05
- 4470 **Twilight.** Yellow, marbled salmon rose. .... Oz. 15c. .05
- 4475 **Shillingi.** Yellow spotted maroon. Oz. 15c. .05
- Collection of twelve above listed varieties. .... .50
- Collection of six, any of the above varieties. .... .25

## Dwarf or Bedding Varieties

Usually growing to a height from 12 to 18 inches.

- 4500 **Blue Ribbon Mixture** A superior mixture of the choicest named varieties, suitable for the finest bedding and fine for rockeries. These we mix from our separate named varieties which cannot be surpassed for brilliancy of color. .... Lb. \$1.50, ¼ lb. 50c., oz. 20c. .10
- 4510 **FINEST ENGLISH MIXED.** A superb mixture of English grown seed, comprising a large variety of most brilliant colors. Lb. \$1.00, ¼ lb. 30c., oz. 10c. .05
- 4515 **DWARF ONYX MIXTURE.** Silvery variegated. Assorted colors. .... ¼ lb. 75c., oz. 25c. .10
- 4520 **Aurora.** Chrome yellow. .... Oz. 15c. .05
- 4525 **Beauty.** Yellow, spotted scarlet. .... Oz. 15c. .05
- 4530 **Bronze.** Distinct. .... Oz. 15c. .05
- 4535 **Chameleon.** Yellow, flaked red. Oz. 15c. .05
- 4540 **Crystal Palace compacta.** Buff, spotted maroon. .... Oz. 15c. .05
- 4545 **Dark Crimson.** .... Oz. 15c. .05
- 4550 **Empress of India.** Deep crimson. .... Oz. 15c. .05
- 4555 **Golden Queen.** Golden yellow, yellow foliage. .... Oz. 15c. .05
- 4560 **King of Tom Thumb.** Bright scarlet. .... Oz. 15c. .05
- 4565 **King Theodore.** Black brown. Oz. 15c. .05
- 4570 **Lady Bird.** Crimson, yellow spots. .... Oz. 15c. .05
- 4580 **Pearl.** White. .... Oz. 15c. .05
- 4585 **Rose.** Pink. .... Oz. 15c. .05
- 4590 **Scarlet.** .... Oz. 15c. .05
- 4595 **Yellow.** .... Oz. 15c. .05
- Collection of twelve of any of above listed varieties. .... .50
- Collection of six of any of above listed varieties. .... .25



Nasturtium

## Lobbianum Varieties

(LOBB'S NASTURTIIUM)

**Tallest Climbing Variety.** This type of Nasturtium is much superior to ordinary varieties, usually attaining a greater height; very strong growing, producing larger flower stems and particularly free flowering. Colors are produced in the greatest brilliancy; foliage being of a deep green color. Undoubtedly the best type for growing in greenhouse.

No. Pkt.

- Choicest Mixture** Lb. \$2.00, ¼ lb. 60c., oz. 20c. \$0.05
- 4700 **Asa Gray.** Creamy white .... Oz. 20c. .05
- 4705 **Cardinale.** Dark cardinal red. .... Oz. 25c. .10
- 4710 **Duc de Vincennes.** Pale lemon yellow. .... Oz. 25c. .10
- 4715 **Golden Queen.** .... Oz. 25c. .10
- 4720 **Geant des Batailles.** Sulphur yellow, carmine. .... Oz. 25c. .10
- 4725 **Lucifer.** Dark scarlet. .... Oz. 25c. .10
- 4730 **Caroline Schmidt.** Scarlet. .... Oz. 25c. .10
- 4735 **Regina.** Salmon. .... Oz. 25c. .10
- 4740 **Roi des Noirs.** Blackish maroon. Oz. 25c. .10
- 4745 **Spitfire.** Bright scarlet. .... Oz. 25c. .10
- 4750 Collection of six of any of above listed varieties. .... .50





Nigella, Miss Jekyll

**Nemesia.** H. A. A fine little plant for small beds. Leaves are whorled. Well suited for sunny beds or rockeries. Seed may be sown indoors in March or outside No. in May in ordinary garden soil. Pkt.

- 4800 **strumosa Suttoni.** Terminal racemes of white and purplish tinted flowers. 18 in. .... 1-32 oz. 75c. \$0.15
- 4805 **compacta, Blue Gem.** Free-flowering and excellent for beds or borders; very effective Forget Me Not blue color... 1-16 oz. 75c. .15
- 4810 **Fire King.** Vivid scarlet-crimson. A most beautiful color. .... .15
- NEMOPHILA** (California Bluebell). H. A. Requires moist locations, partially shaded; small, cup-shaped flowers of many bright colors.
- 4820 **Finest Mixed.** 1 ft. .... ¼ oz. 15c. .05
- 4825 **insignis.** Blue. 1 ft. .... ¼ oz. 15c. .05

- Nicotiana.** (Tobacco Plant). H. A. Flowers borne in clusters, long, tube-shaped, opening toward evening and emitting a powerful and pleasant odor. Succeeds best in sunny beds or borders.
- 4830 **Affinis.** White. 3 ft. .... ¼ oz. 20c. .05
- 4835 **colossea.** Excellent foliage plant with leaves 2 ft. long and 1 ft. wide, having a reddish tint. 5 ft. .... 1-32 oz. \$2.00 .15
- 4840 **Sanderæ.** **Finest Mixed.** Flowers of a brilliant carmine-red, attaining a height of 3 ft.; blooms all Summer.. ¼ oz. 35c. .10
- 4845 **sylvestris.** Plants of pyramidal growth; large glaucous leaves; flowers pure white, in large drooping clusters. .... ¼ oz. 35c. .05

**Nigella.** (Love-in-a-Mist, or Devil-in-the-Bush). H. A. Plants bear very showy flowers, with the foliage finely cut, which surrounds the flower. Pkt.

- 4850 **Damascena.** Double blue. 2 ft. .... Oz. 60c. \$0.05
- 4855 **Miss Jekyll.** Double; bright blue; excellent for cutting. The choicest variety known. .... ¼ oz. 25c. .10
- NIEREMBERGIA.** H. H. P. Graceful plants, blooming profusely the whole Summer; fine for vases, baskets; also used in moist borders or in rockeries.
- 4860 **frutescens.** White and blue. .... ¼ oz. 25c. .10
- 4863 **gracilis.** White and purple. .... ¼ oz. 25c. .10

**Oenothera.** (Evening Primrose Sun-drops). H. P. Suitable for margins of shrubbery and perennial borders, with large clusters of showy, fragrant flowers.

- 4864 **CALIFORNIA** (Rubricalyx). Differs from all other Evening Primroses of this group in having striking dark red buds, which contrast beautifully with the bright yellow petals. The whole top of the stem is also red, giving the plant a remarkably ornate appearance. It is a large plant, three to four feet high, and blooms all Summer, producing hundreds of large flowers three and a half inches in diameter. Every botanist speaks of it as the most beautiful of all the Evening Primroses. The garnet buds and golden petals are the same shades which artists prefer to use as a setting for portraits. .... .20
- 4865 **Fraseri.** Large; bright yellow. 18 in. .... ¼ oz. 75c. .10
- 4870 **Lamarckiana.** Extra large; yellow. 3 to 4 in. in diameter. .... ¼ oz. 15c. .05
- 4875 **Speciosa rosea.** Rustic plants, about 18 inches high, with bushy stems of a dull green; small foliage, which completely disappears under an unlimited quantity of pretty, sweet-scented, pink flowers. .... .25
- 4880 **Missouriensis.** (Macrocarpa.) Dwarf; yellow. 1 ft. .... ¼ oz. 20c. .10
- 4885 **Youngii.** Rich golden yellow. .... .10
- 4890 **OXALIS rosea.** H. A. Low growing plants, with clover-like foliage, thickly starred with small pink flowers. .... .10



Oenothera, Evening Primrose



## PANSIES

Our strains of this popular flower are imported from the most experienced foreign growers and are unsurpassed for size and form, beautiful markings, brilliancy of colors and shadings. Seed sown in May will flower during late Summer and Autumn. For early Spring flowering, sow in August and protect the young plants either in coldframes or with straw or boughs. Soil best suited should be light, well fertilized and requiring plenty of moisture.

No.		Pkt.
5000	<b>Triumph Exhibition Mixture</b>	
	A superb mixture, especially desirable for its variety of colors and markings, beauty of form and fine texture....	
	Oz. \$10.00, 1/8 oz. \$1.75	\$0.25
5003	<b>Bath's Empress.</b> An extra choice selection of the various markings and shades .....	.25
5005	<b>Bugnot's Giant Blotched.</b> Flowers very large and of extremely rich colors....	
	Oz. \$6.00, 1/4 oz. \$1.50, 1/8 oz. 75c.	.25
5010	<b>Cassier's Giant Odier. Finest Mixed.</b> An extra fine strain, producing large flowers of rich velvety colors. 1/4 oz. \$1.50	.25
5013	<b>COLOSSEA VENOSA. (New.)</b> Light; veined shades, large round flowers... 1/8 oz. 60c.	.15
5015	<b>English Show. Finest Mixed.</b> A select strain of the largest flowering varieties. ....Oz. \$6.00, 1/8 oz. 75c.	.20
5020	<b>BOSTON FLORISTS' MIXTURE.</b> A splendid mixture, containing flowers of the highest, purest and most perfect type, with clearly marked designs and exquisite colors. ....1/4 oz. \$1.75	.25
5023	<b>ORCHID AEFLOA</b> (Orchid, or Cattleya-flowered). A superb mixture of light colors, rare shades and extra large flowers .....	.15
5025	<b>Emperor Frederick.</b> Large, rich deep purple, with golden bronze center, scarlet and yellow margin.. 1/8 oz. 75c.	.20
5030	<b>Fairy Queen.</b> Extra large; azure blue and white edge..... 1/4 oz. \$1.00	.15
5035	<b>Golden Margined.</b> Purple, golden edge..	.10
5040	<b>MADAME PERRET</b> (Phenomenal). Wine red and crimson shades; very large blooms .....Oz. \$5.00, 1/4 oz. \$1.50	.25
5043	<b>Mahogany Colored.</b> Splendid shade....	.10
5045	<b>MASTERPIECE.</b> Giant Ruffled. Flowers very large, strong growing, robust plants. Most valuable colors; petals are beautifully waved and ruffled... 1/4 oz. \$1.50	.15
5050	<b>Meteor.</b> Bright terra cotta.....	.10
5055	<b>President Carnot.</b> Pure white, five deep violet blotches ..... 1/8 oz. 75c.	.10
5060	<b>Prince Henry.</b> Very rich dark blue; extra large .....	.15
5065	<b>CHOICE MIXTURE.</b> An imported mixture of finest type, including a large variety of richest colors... 1/4 oz. 75c.	.10
5070	<b>Finest Mixed.</b> Including the richest and finest colors .....	.05

## GIANT TRIMARDEAU VARIETIES.

5080	<b>Finest Mixed.</b> .... 1/4 oz. 60c.	.10
5085	<b>Adonis.</b> Light blue spotted... 1/4 oz. 75c.	.10
5090	<b>Bridesmaid.</b> Rosy white dark center. Oz. \$5.00, 1/4 oz. \$1.25	.25
5093	<b>Emperor Franz Joseph (New).</b> White with large violet spots... 1/4 oz. \$1.00	.10
5095	<b>Emperor William.</b> Ultramarine blue... 1/4 oz. \$1.00	.10
5100	<b>Fire King.</b> Golden yellow, upper petals crimson. .... 1/4 oz. \$1.00	.10
5103	<b>Freya (Silver-edged).</b> Deep purple, white edged ..... 1/8 oz. 60c.	.10
5105	<b>Golden Queen.</b> Rich pure yellow..... Oz. \$4.00, 1/4 oz. \$1.25	.10
5110	<b>Golden Yellow.</b> Dark eye... 1/4 oz. 75c.	.10
5115	<b>King of the Blacks.</b> .....	.10
5120	<b>Lord Beaconsfield.</b> Violet, shading to white .....	.10
5123	<b>Peacock.</b> Reddish steel blue, delicate white edge ..... 1/4 oz. \$1.25	.10



No.		Pkt.
5125	<b>Prince Bismarck.</b> Brown and golden bronze marbled. An exceptionally fine variety ..... 1/4 oz. \$1.00	\$0.10
5135	<b>Snow Queen.</b> Giant, pure white..... 1/4 oz. \$1.50	.20
5145	<b>White, Dark Eye.</b> ..... 1/4 oz. 75c.	.10
	<b>TUFTED PANSY</b> ( <i>Viola Cornuta</i> ). Very free-blooming hardy plants, especially adapted for shady places. Flowers are not so large as in the other varieties of Pansies, but are produced in much greater numbers and are of great diversity of colors.	
5150	<b>Finest Mixed.</b> .....	.10
5155	<b>Grandiflora lutea.</b> Yellow.... 1/8 oz. 40c.	.10
5160	<b>Rosea.</b> Pink ..... 1/8 oz. \$1.00	.25
5165	<b>Blue Perfection.</b> Light blue .....	.10
5170	<b>Admiration.</b> Dark blue..... 1/8 oz. 50c.	.10
5175	<b>White Perfection.</b> Pure white. 1/8 oz. 50c.	.10
5180	<b>Mauve Queen.</b> Mauve..... 1/8 oz. 50c.	.10

**Pentstemon.** (Beard Tongue). Flowers are borne on long terminal spikes, much resembling Gloxinias. Perennial varieties; will bloom the first season if sown early in March, continuing all Summer. 3 ft.

5200	<b>WELLS' GRAND DIPLOMA STRAIN.</b> An entirely new race, giving the most glorious combinations of colors in scarlet, crimson, pink and white. The plants grow 2 1/4 feet high, with flower-spikes 18 inches long, the individual flowers being 2 inches across .....	.25
5205	<b>hybridus grandiflorus.</b> A superior mixture of the choicest perennial varieties. .... 1/8 oz. 50c.	.25
5210	<b>Digitalis.</b> H. H. P. White, tinted violet. 1/4 oz. 20c.	.10
5215	<b>gloxinoides. Finest Mixed.</b> Annual. Flowers extra large and containing a variety of the richest colors. 1/8 oz. 60c.	.15
5220	<b>pulchellus hybridus.</b> Finest Mixed. Annual. .... 1/4 oz. 60c.	.15



## PETUNIA

H. A. One of our most popular annuals, of the easiest culture, thriving in almost any soil and frequently seeding itself and coming up the following year.

### Petunia Rosalie

This new introduction is a selection of Rosy Morn taken a few years ago and brought to its present state of perfection as to color, being a clear beautiful rose color, not showing the usual dull magenta common to regular strain of Rosy Morn. It is particularly adapted for beds and borders and also exceptionally well suited for veranda and window boxes. We are unable to procure Balcony Petunia, and suggest Petunia Rosalie being used instead.

Pkt. 25c.

No.		Pkt.
5300	<b>California Fringed Ruffled Gaints.</b> Enormous flowers, having edges of petals beautifully ruffled and fluted. Of great variety of colors, many being beautifully veined...1000 seeds \$1.25, \$0.35	
5310	<b>Giant of California.</b> The most popular variety for pot culture, having extremely large flowers with beautifully fringed edges and an exquisite variety of rich velvety colors and markings. 18 in. ....1-64 oz. \$2.50	.25
5313	<b>GIANT WHITE FRINGED.</b> Color a glistening satiny texture, with yellow throat. Unrivalled for beauty of texture and size .....	.25
5315	<b>Large-Flowered. Finest Mixed.</b> Flowers of very choice colors, large size and free blooming .....Oz. \$2.50	.10
5320	<b>Finest Mixed.</b> 18 in. ....Oz. \$1.25	.05
5330	<b>Dwarf Inimitable</b> (Nana compacta multiflora). Excellent for pot culture and of dwarf habit. 6 in. .... ¼ oz. \$1.00	.15
5332	<b>SNOWBALL.</b> The best pure white bedding Petunia; fine compact sort, blooming until frost ..... ½ oz. 60c.	.10
5333	<b>ROSY MORN.</b> Bright rosy pink, white throat, free flowering, very compact. ½ oz. 75c.	.10
5335	<b>HOWARD'S STAR.</b> Dark crimson, with white star in center ..... ½ oz. 75c.	.10



Petunia, Fringed Ruffled Giants

No.		Pkt.
5353	<b>GRANDIFLORA PERFECTION.</b> A new strain; very floriferous; flowers deeply fringed and choice assortment of colorings .....	.25
	<b>BEDDING VARIETIES.</b>	
5355	<b>Single White.</b> 18 in. ....Oz. \$1.00, ¼ oz. 35c.	.05
5360	<b>Dark Red.</b> 18 in. ....Oz. \$1.00, ¼ oz. 35c.	.05
5365	<b>Rose.</b> 18 in. ....Oz. 1.00, ¼ oz. 35c.	.05
	<b>Double Flowering Varieties</b>	
5370	<b>GIANT PERFECTION HYBRIDS.</b> A superb mixture of the finest double Petunias in existence, producing at least 70 per cent. of perfectly double flowers, in colors of pink, snowy white, violet, lavender, mauve, crimson and variegations in all these shades; measuring from 3 to 5 inches across.....	.50
5375	<b>Choicest Mixed.</b> Comprising a large variety of colors .....	.25
5376	<b>Heliotrope.</b> Double fringed with delicate mauve and heliotrope colorings .....	.50
5377	<b>Snowball.</b> Beautiful double fringed; extraordinary pure white. 500 seeds \$3.00	.50
5378	<b>Rosea.</b> Beautiful double fringed; pink, and pink and white mottled. 500 seeds \$3.00	.50
5379	<b>Kermesina.</b> Rich deep crimson, black veinings. 500 seeds \$3.00	.50



Balcony Petunias

### Balcony Petunia

Very few annuals have come into general favor so rapidly as the Carlsruhe Town Hall Petunia. Its luxuriant growth and freely branching habit, with its great profusion and persistence of bloom, make it remarkably well suited for decorating windows, piazza boxes and balconies. We offer the three colors which are most popular.

Kose—White—Dark Red—Deep  
Velvety Blue.....Pkt. 25c.



**Phlox (DRUMMONDII)**

This is one of the prettiest annuals and should occupy a prominent place in every garden. It is of easy cultivation, and unequalled for its profusion of bloom, which will continue until frost. The rich and brilliant colors produce an elegant effect in beds or borders. The flowers are also fine for cutting.

No.	GRANDIFLORA VARIETIES.	Pkt.
5400	<b>Finest Mixed.</b> ..... ¼ oz. 50c.	\$0.10
5405	<b>alba.</b> Pure white. .... ¼ oz. 50c.	.10
5410	<b>Bright Rose.</b> ..... ¼ oz. 50c.	.10
5415	<b>Brilliant.</b> Bright scarlet. .... ¼ oz. 50c.	.10
5420	<b>Black Warrior.</b> Dark crimson. ¼ oz. 50c.	.10
5425	<b>Pink, White Eye.</b> ..... ¼ oz. 50c.	.10
5430	<b>Scarlet, White Eye.</b> ..... ¼ oz. 50c.	.10
5435	<b>Yellow.</b> ..... ¼ oz. 50c.	.10
	Collection six separate varieties. ....	.50
	<b>CECILY PHLOX.</b> Large flowering dwarf. Plants only 6 in. high, close and compact.	
5440	<b>Finest Mixture.</b> ..... 1/8 oz. 60c.	.15
	<b>GRANDIFLORA. Dwarf. 6 in.</b>	
5450	<b>Finest Mixed.</b> ..... 1/8 oz. 60c.	.10
5455	<b>Fireball Scarlet.</b> ..... 1/8 oz. 60c.	.10
5460	<b>Salmon Pink.</b> ..... 1/8 oz. \$1.00	.15
5465	<b>Pure White.</b> ..... 1/8 oz. 60c.	.10
5467	<b>Yellow.</b> ..... 1/8 oz. 75c.	.15
	<b>CUSPIDATA (Star Phlox).</b> Flowers star-shaped, with long, pointed petals.	
5470	<b>Finest Mixed. 18 in.</b> ..... ¼ oz. 35c.	.10
	<b>DECUSSATA (Tall Perennial Phlox).</b> One of the finest perennials with its extremely large heads of the most magnificent colored flowers, blooming in August and September.	
5475	<b>Finest Mixed.</b> ..... ¼ oz. 75c.	.10
	<b>PHYSTEGIA. H. P.</b> Very pretty, hardy, herbaceous perennial; flowers borne in terminal leafless clusters.	
5495	<b>speciosa.</b> Rosy lilac color. ....	.10
5500	<b>Virginiana grandiflora alba.</b> New. Pure white. .... ¼ oz. \$1.00	.10
	<b>Polemonium.</b> (Jacob's Ladder). H. P. Well known border plants; flowers mostly blue and white, produced in large terminal heads.	
5505	<b>cæruleum grandiflorum.</b> Deep blue. 2 ft. ¼ oz. 25c.	.10
5510	<b>cæruleum grandiflorum album.</b> Pure white. 2 ft. .... ¼ oz. 25c.	.10
5515	<b>Richardsoni.</b> Deep blue, extra large flowers. .... ¼ oz. 50c.	.10



Poppy, The Shirley



Physostegia Virginiana grandiflora alba

**Poppy (PAPAVER)**

An extensive genus of hardy, or half-hardy annuals or perennial herbs. The flowers are produced in the greatest array of brilliant colors from pure white to the darkest crimson and violet. They should also be sown in the beds or locations where they are to flower, as transplanting does not improve them any.

No.	ANNUAL VARIETIES	Pkt
5600	<b>Superb English Mixture.</b> Consisting of the choicest varieties of both single and double flowering sorts, producing an endless assortment of the richest, most brilliant and delicate colors. If sown in large bed or tracts will produce a most gorgeous effect. ....	Lb. \$4.00, ¼ lb. \$1.25, oz. 50c. \$0.10
	<b>THE SHIRLEY.</b> Excellent bedding variety, containing the greatest variety of colors, of white, delicate pink, deep crimson and beautifully striped.	
5610	<b>Finest Mixed.</b> Varieties. ....	Lb. \$4.00, ¼ lb. \$1.25, oz. 50c. .05
5615	<b>Salmon-pink, white edge.</b> ..... ¼ oz. 35c.	.10
5620	<b>White, salmon-pink edge.</b> ..... ¼ oz. 35c.	.10
5625	<b>Deep Apricot.</b> ..... ¼ oz. 35c.	.10
5630	<b>Deep Pink.</b> ..... ¼ oz. 35c.	.10
5635	<b>Orange-pink, white edge.</b> ..... ¼ oz. 35c.	.10
5640	<b>Pure white.</b> ..... ¼ oz. 35c.	.10
5645	<b>Scarlet Field Poppy.</b> Brilliant scarlet. 2 ft. .... Oz. 60c.	.05
5648	<b>Black Prince.</b> Brilliant, blackish brown with a violet hue; finely fringed edge. .... ¼ oz. 40c.	.15





Papaver  
Orientale  
Excelsior

## Papaver Orientale

"EXCELSIOR"

Choicest Hybrids

The Oriental Poppies are always welcome in any perennial bed, or even when grown by themselves. They are probably one of the easiest perennials to grow from seed, and the few fine varieties under cultivation at present all tend to dark shades.

In this choice strain of new hybrids, a great many new shades and colors are represented and are characterized in many of the delicate shades of pink and salmon to deep crimson. These hybrids have been selected from the choicest sorts obtainable from seed.

Pkt. 20c.

## New White Oriental Poppy

Pure Satiny White, Crimson Blotch

Quite a new addition to the ordinary shades usually found in Oriental Poppies. Offered for the first time in 1916 and a variety very readily accepted. It is the most distinct "break" recently made in this valuable hardy Poppy. The color is a pure satiny white with a bold crimson blotch at the base of each petal.

As most hybrids are liable to vary somewhat, this one is perhaps no exception and though it may have a tendency to do so, the greater portion may be expected to come true.

Pkt. 25c.

### PERENNIAL POPPIES.

<b>ALPINUM.</b> An early flowering dwarf variety, blooming from May to September.		Pkt.
No. 5810	<b>Finest Mixed.</b> 1 ft. ....	\$0.10
<b>NUDICAULE</b> (Iceland Poppy.) 1 ft.		
5820	<b>Storrie's Excelsior Strain.</b> This mixture contains many new and beautiful colors, including coral-pink, coral-rose, orange-pink, salmon-pink, rose-salmon, pale lemon, blush, etc. ....	.15
5830	<b>Finest Mixed.</b> .... 1/4 oz. 40c.	.05
5835	<b>Yellow.</b> .... 1/4 oz. 50c.	.10
5840	<b>alba. White.</b> .... 1/4 oz. 50c.	.10
5845	<b>Scarlet.</b> .... 1/4 oz. 50c.	.10
5850	<b>Orange Scarlet.</b> .... 1/4 oz. 60c.	.10
<b>ORIENTALIS</b> (Oriental Poppy). 3 ft.		
5900	<b>orientale.</b> Bright scarlet, black spots at base of petals. .... 1/4 oz. 50c.	.10
5905	<b>Blush Queen.</b> Delicate pink. .... 1/8 oz. 50c.	.10
5910	<b>Parkmanni.</b> Deep scarlet. .... 1/8 oz. 50c.	.10
5915	<b>Fire King.</b> Brilliant scarlet; very large. .... 1/8 oz. 50c.	.15
5918	<b>Mrs. Perry.</b> Orange apricot; very fine. .... 1/8 oz. 50c.	.10
5920	<b>Trilby.</b> Delicate salmon pink. .... 1/8 oz. 75c.	.15
5925	<b>Beauty of Livermore.</b> Beautiful deep red. .... 1/8 oz. 60c.	.15
5930	<b>Salmon Queen.</b> .... 1/8 oz. 60c.	.10

## PORTULACA

H. A. A very free flowering plant; excellent for borders and rockeries and frequently used for bedding. Seed sown in May will bloom during July, and a continuous display of flowers will be had until frost.

No.		Pkt.
6000	<b>Finest Single Mixed.</b> 6 in. .... 1/4 lb. \$1.50, oz. 60c.	\$0.05
6005	<b>Pure White.</b> 6 in. .... Oz. 60c.	.05
6010	<b>Golden Yellow.</b> 6 in. .... Oz. 60c.	.05
6015	<b>Delicate Rose.</b> 6 in. .... Oz. 60c.	.05
6020	<b>Scarlet.</b> 6 in. .... Oz. 60c.	.05
6025	<b>Crimson.</b> 6 in. .... Oz. 60c.	.05
6030	<b>Light Yellow.</b> 6 in. .... Oz. 60c.	.05
6035	<b>Finest Double Mixed.</b> 6 in. .... Oz. \$3.75, 1/4 oz. \$1.00	.10

### ANNUAL POPPIES—Continued

No.		Pkt.
5650	<b>CHAS. DARWIN.</b> Annual Poppy, growing 2 to 2 1/2 feet high and is remarkable for its new color, a rich dark purple, adorned with a black spot at base of petals. .... 1/4 oz. 25c.	\$0.15
5655	<b>Danebrog.</b> Scarlet, white blotch. Oz. 40c.	.05
5660	<b>glaucum</b> (Tulip Poppy). Dazzling scarlet. .... Oz. 75c.	.05
5670	<b>The Bride.</b> Pure white. .... Oz. 30c.	.05
5673	<b>KING EDWARD.</b> Single, color deep scarlet to crimson, with large black blotch at base of petals. .... 1/4 oz. 25c.	.10
5675	<b>Maid of the Mist.</b> Large, single white, fringed. .... Oz. 40c.	.05
5680	<b>Miss Sherwood.</b> Delicate pink. Oz. 50c.	.10
5685	<b>Mephisto.</b> Single deep scarlet, violet spots. .... Oz. 25c.	.05
5690	<b>umbrosum</b> (Caucasian Poppy). Bright scarlet, black spots at base of petals. Oz. 30c.	.05
<b>DOUBLE CARNATION-FLOWERED.</b>		
5700	<b>Finest Mixed.</b> .... Oz. 40c.	.05
5705	<b>cardinale. Red.</b> .... Oz. 40c.	.05
5710	<b>Soft Pink.</b> .... Oz. 40c.	.05
5715	<b>White Swan.</b> Pure white. .... Oz. 40c.	.05
5720	<b>Yellow.</b> Pale lemon yellow. .... Oz. 40c.	.05
5725	<b>Black.</b> .... Oz. 40c.	.05
5730	<b>May Campbell.</b> Pure white. .... Oz. 40c.	.05
5735	<b>Mikado.</b> Double white, striped crimson. Oz. 40c.	.05
<b>DOUBLE PEONY-FLOWERED.</b>		
5750	<b>Finest Mixed.</b> 2 ft. .... 1/4 lb. 75c, oz. 40c.	.05
5755	<b>Pure White.</b> 2 ft. .... Oz. 40c.	.05
5760	<b>Nankeen Yellow.</b> 2 ft. .... Oz. 40c.	.05
5765	<b>Bright Rose.</b> 2 ft. .... Oz. 40c.	.05
5770	<b>Scarlet.</b> 2 ft. .... Oz. 40c.	.05
5775	<b>Cherry Red.</b> 2 ft. .... Oz. 40c.	.05
5780	<b>Black.</b> 2 ft. .... Oz. 40c.	.05
<b>RANUNCULUS-FLOWERED.</b>		
5800	<b>Finest Mixed.</b> Double flowers, with showy, thin crinkly petals. .... Oz 50c.	.05



**Primula.** Exceedingly fine, free flowering plants for both bedding and greenhouse use, producing clusters of brilliant colored flowers indoors from November to May; hardy varieties continually in bloom.

**SINENSIS (Chinese Primrose). Gold Medal Strain.** This remarkable strain of Primrose is specially grown for us by an expert of long experience. Plants are sturdy, robust; large clusters of immense flowers, beautifully fringed, brilliant colors, on long, erect stems well above the foliage.

No.		Pkt.
6050	<b>Finest Mixed.</b> Giant flowering.....	\$0.50
6055	<b>Giant. Salmon Pink</b> .....	.50
6060	<b>Giant Lady R. Churchill. Pure White</b> .....	.50
6065	<b>Giant. Rose Queen.</b> Brilliant Pink..	.50
6070	<b>Giant Deep Blue</b> .....	.50
6075	<b>Giant Crimson</b> .....	.50
6080	<b>Giant Queen Mary.</b> Soft flesh pink....	.50
6085	<b>Double Fringed.</b> Finest Mixed.....	.50
6090	<b>Kewensis.</b> Large golden yellow flowers; fine foliage and very ornamental. 18 in. ....	.50
	<b>Stellata.</b> Star-like flowers, borne in clusters, producing a large variety of colors; plants are very graceful and fine for Winter flowering.	
6095	<b>Finest Mixed</b> .....	.50
	<b>OBCONICA GRANDIFLORA. Selected Strain.</b> An improved type of Obconica, flowers large, borne in immense clusters, making one of the finest house plants.	
6100	<b>Finest Mixed</b> .....	.25
6103	<b>Apple Blossom.</b> Beautiful delicate pink.	.25
6105	<b>alba.</b> Pure white. ....	.25
6110	<b>Kermesina.</b> Deep crimson.....	.25
6115	<b>rosea.</b> Rose pink. ....	.25
6120	<b>ilacina.</b> Lavender. ....	.25
6140	<b>Forbesii</b> (Baby Primrose). Delicate sprays of small lavender flowers. ....	.15
6143	<b>auricula</b> (English Hybrids). <b>Finest Mixed.</b> Large flowers borne in umbels, with a fine assortment of colors.....	.25
6145	<b>Officinalis</b> (English Cowslip). Bright yellow. ....	.10
6150	<b>acaulis</b> (English Yellow Primrose). H. P. Yellow. ....	.10



Single Portulaca



No.		Pkt.
6155	<b>acaulis caerulea</b> (English Blue Primrose). H. P. Deep blue. ....	\$0.25
6160	<b>acaulis.</b> Finest English Mixed. H. P. ....	.10
6165	<b>Polyantha.</b> Finest Mixed. H. P. ....	.25
6170	<b>Gold Laced.</b> Fine yellow-edged sorts.....	.10

**Pyrethrum.** (Golden foliage varieties).

6175	<b>aureum</b> (Golden Feather). H. H. P. Fine little plant for bordering and edging beds, contrasting very nicely with its bright yellow foliage. 6 in. ... 1/4 oz. 30c.	.05
6180	<b>aureum selaginoides.</b> Very fine Fern-like foliage of golden yellow. 6 in. ... 1/4 oz. 50c.	.05

#### PERENNIAL VARIETIES.

#### ROSEUM HYBRIDUM GRANDIFLORUM

Very showy flowers of easy cultivation; valuable for cutting. The Daisy-like blossoms borne in great abundance and a variety of colors.

6185	<b>Double Finest Mixed.</b> 18 in. ... 1/4 oz. \$3.00	.15
6190	<b>Finest Single Mixed.</b> ..... 1/4 oz. 40c.	.10
6195	<b>RHODANTHE Manglesii</b> (Everlasting). Brilliant rose. Fine for outside border, or for greenhouse flowering during the Winter. .... 1/4 oz. 30c.	.05

**Ricinus.** (Castor-Oil Bean). Half-hardy annuals with ornamental foliage, making fine center plants for large beds of Cannas; also used along fences.

6200	<b>Finest Mixed.</b> ..... 1/4 lb. 50c., oz. 15c.	.05
6205	<b>Borboniensis arboreus.</b> Tall, large, shining, purplish green foliage. 15 ft. .... 1/4 lb. 60c., oz. 20c.	.05
6210	<b>Cambodgensis.</b> Compact habit, dark reddish purple foliage; stalks of shiny ebony color. 6 ft. ... 1/4 lb. 60c., oz. 20c.	.05
6215	<b>Gibsonii</b> (Duchess of Edinburgh). Large, dark red, leaves of metallic luster. 5 ft. .... 1/4 lb. 75c.; oz. 30c.	.05
6220	<b>Sanguineus.</b> Tall, with reddish stalks, reddish purple foliage. 10 ft. Oz. 25c.	.05
6225	<b>Zanzibarensis. Finest Mixed.</b> Extra large, strong grower, green and red foliage. 15 ft. .... 1/4 lb. 50c., oz. 15c.	.05

#### RUDBECKIA (Cone-Flower).

6230	<b>amplexicaulis.</b> H. A. Large, bright yellow, very ornamental. 3 ft. ... Oz. 40c.	.05
6235	<b>bicolor superba.</b> H. A. Golden yellow, black center. 3 ft. .... 1/4 oz. 60c.	.10
6240	<b>Neumannii.</b> H. P. Large golden yellow, velvety maroon center. 3 ft. ....	.10
6245	<b>purpurea.</b> H. P. Very ornamental with reddish purple flowers. 3 ft. ....	.10



**Salpiglossis.** H. H. A. The funnel-shaped flowers are borne on long, slender stems, in the rich velvety shades of yellow, crimson and purple, which are beautifully penciled and veined; blooms very freely, July to October.

No.	EMPEROR.	Pkt.
6250	Chamois. 2 ft. ....	1/8 oz. 75c. \$0.10
6255	Velvety Violet. 2 ft. ....	1/8 oz. 75c. .10
6260	Dark Scarlet. 2 ft. ....	1/8 oz. 75c. .10
6265	Purple Brown with Gold. 2 ft. ....	1/8 oz. 75c. .10
6270	Rose. 2 ft. ....	1/8 oz. 75c. .10
6280	Yellow. 2 ft. ....	1/8 oz. 75c. .10
6285	Light Blue with Gold. 2 ft. ....	1/8 oz. 75c. .10
6290	Finest Mixed. 2 ft. ....	1/8 oz. 75c. .10
	Collection of six separate varieties. ....	.50

**Salvia.** H. H. P. One of the most beautiful and showy of our Summer and Autumn flowering plants, with its long spikes of brilliant scarlet flowers. Excellent for bedding and for bordering large Canna beds; also used for annual hedges along walks and driveways.

6395	<b>AMERICA</b> (Globe of Fire). A very pleasing, recent introduction which has become very popular. It being of a dwarf bushy habit, filling a want where other varieties attain too great a height. Plants grow about 15 inches high, producing spikes of brilliant scarlet flowers, which stand well above the plant, to a total height of 24 inches. ....	.20
6400	<b>ZURICH.</b> One of the best of recent introduction; dwarf, compact habit producing long, thick spikes of brilliant scarlet flowers blooming in July. 18 in. ....	1/8 oz. 75c. .20
6405	<b>Splendens</b> (Scarlet Sage). The largest and finest bedding variety, producing a great profusion of bloom from August until frost. 3 ft. ....	Oz. \$2.50, 1/8 oz. 40c. .10
6410	<b>OSTRICH PLUME.</b> Plants resemble that of <i>Salvia Splendens</i> . Plumages of the brightest scarlet. ....	.25
6415	<b>Bonfire</b> ( <i>Splendens compacta</i> ). Beautiful dwarf variety, producing long spikes of rich scarlet flowers; very free blooming. ....	Oz. \$3.00, 1/8 oz. 50c. .15



*Scabiosa grandiflora alba*



*Salpiglossis Emperor*

No.		Pkt.
6420	<b>King of Carpets.</b> Grows to the height of 16 to 18 inches and has a round shape; blooms early in the season, and covers itself completely with long, bright red ears. ....	1/8 oz. 75c. \$0.15
6425	<b>pyramidalis.</b> Differing from all other varieties by its pyramidal pillar-like growth; the flowers are large and of the most intense scarlet. ....	.20
6430	<b>farinacea.</b> Bright light blue, long bloomer. 3 ft. ....	Oz. \$1.75, 1/8 oz. 30c. .10
6435	<b>Patens.</b> Intense bright blue, extra large velvety flowers. ....	1/8 oz. \$1.50 .25
	<b>SAPONARIA</b> (Soapwort: Bouncing Bet). H. A. Fine dwarf trailing plant suitable for rockwork, borders or small beds, quite hardy and not particular as to soil or situation.	
6440	<b>Finest Mixed.</b> Annual sorts. 1 ft. ....	Oz. 30c. .05
6445	<b>Ocymoides splendens.</b> Handsome trailer, with brilliant red flowers. Hardy perennial. ....	Oz. 50c. .05
6450	<b>vaccaria.</b> Beautiful pink; fine for cutting. ....	Oz. 50c., 1/4 oz. 20c. .10
6455	<b>alba.</b> (New.) Pure white. ....	1/4 oz. 30c. .10

**Scabiosa.** (Mourning Bride). H. A. Fine free-blooming plants for mixed borders and excellent for cutting. Flowers borne on long erect stems, in globular heads in colors of nearly white to dark purple maroon. Height 2 to 2 1/2 ft.

	<b>GRANDIFLORA.</b>	
6460	<b>Finest Mixed.</b> ....	1/4 oz. 25c. .05
6465	<b>Azure Fairy.</b> Delicate lavender. ....	1/4 oz. 25c. .10
6470	<b>Fiery Red.</b> ....	1/4 oz. 25c. .05
6475	<b>Pompadour.</b> Purple and white. ....	1/4 oz. 75c. .05
6480	<b>King of the Blacks.</b> Velvety black purple. ....	1/4 oz. 25c. .05
6485	<b>Sulphur Yellow.</b> ....	1/4 oz. 25c. .05
6490	<b>Flesh Color.</b> ....	1/4 oz. 25c. .05
6495	<b>Pure White.</b> ....	1/4 oz. 25c. .05
	Collection of six separate varieties. ....	.25
	<b>HARDY PERENNIAL VARIETIES.</b>	
6505	<b>Caucasica.</b> Flowers large, pale lilac, blooming all Summer and about 3 inches in diameter. 2 ft. ....	1/8 oz. 60c. .10
6510	<b>Caucasica alba.</b> Pure white. ....	1/8 oz. 75c. .15
6515	<b>Japonica.</b> Lavender. Large bushy plants, light green pinnated foliage. ....	1/8 oz. 50c. .25





Schizanthus Wisetonensis

**Schizanthus.** (Butterfly, or Fringe Flower) H. A. Erect growing for the house or garden. Noted for its wonderful variety of coloring. Of easy culture; its peculiarly shaped and oddly marked flowers fine for cutting.

No.		Pkt.
6525	hybridus grandiflora. Finest Mixed. 18 in. .... 1/8 oz. 40c.	\$0.10
6530	albus. Pure white. .... 1/4 oz. 20c.	.05
6535	roseus. Pink. .... 1/4 oz. 20c.	.05
6540	Wisetonensis. One of the finest large-flowered sorts, colors ranging from pink with brown center to white, yellow center. Excellent for pot plants. 1-64 oz. 75c.	.25
6545	Wisetonensis, Dwarf Hybrids. An improvement over the tall variety. Only growing 18 inches, very compact, and showing bloom when 6 inches high...	.25
	<b>SCHIZOPETALON.</b> H. H. A. Producing on slender stems quantities of white almond-scented flowers, which are elegantly cut and fringed at the edges. June to October.	
6550	Walkeri. 1 ft. .... Oz. \$1.00	.10
	<b>SEDUM</b> (Stonecrop). H. P. Suitable for rockwork, stone walls, edgings and dry situations; their glaucous foliage and bright flowers invariably attract attention.	
6555	Finest Mixed. 4 in. .... Oz. \$1.00	.10
	<b>SENSITIVE PLANT.</b> See <i>Mimosa pudica</i> .	

**SHAMROCK** (*Trifolium minum*). Dainty little house plants; may be had from seed; require a rich, light soil and plenty of moisture. Partial shade is best suited for this novelty.

No.		Pkt.
6565	True Irish. ....	\$0.10

**SILENE** (Catchfly). H. A. Very pretty dwarf plants, used mostly for borders, thriving in almost any common soil and easy of cultivation. 6 in.

6570	pendula. Dwarf; rose color. .... 1/8 oz. 15c.	.05
6575	alba. Dwarf; white. .... 1/8 oz. 15c.	.05

6585	<b>SMILAX</b> ( <i>Myrsiphyllum asparagoides</i> ). G. P. Used extensively for inside decorations; climbing habit; fine for florists' use. 10 ft. .... Oz. 50c.	.10
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**SOLANUM** (Jerusalem Cherry). G. P. Popular for greenhouse or house decoration; compact, bushy; dark green foliage; tiny white flowers. Seed pods bright scarlet.

6590	Capsicastrum. 2 ft. ....	.10
6595	Capsicastrum nanum. 1 ft. ....	.15

**SOLIDAGO** (Goldenrod). H. P. Common throughout the United States, with its long, drooping golden yellow flowers. Excellent for masses.

6600	latifolia. 3 ft. ....	.05
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**STATICE** (Sea Lavender). H. P. Long panicles of small, light blue flowers, which if dried make nice Winter bouquets.

6605	Gmelini. 2 ft. ....	.10
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**STEVIA.** G. P. The tiny white flowers are produced in long, loose panicles. Fine for cutting.

6610	serrata. 2 ft. .... 1/8 oz. 20c.	.10
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**SUNFLOWER.** See *Helianthus*.



Stokesia cyanea alba



## STOCK (Gilliflower)

H. A. One of the choicest and most popular of our hardy annuals for garden or greenhouse culture, bearing long spikes of delightfully fragrant flowers and one of the finest for cutting.

**BOSTON FLOWER MARKET (Branching.)** A particularly large flowering strain, producing from 85 to 90 per cent. of full, double flowers, in sprays from 10 to 15 inches long. 2 ft.

No.		Pkt.
6700	Finest Mixed .....	\$0.15
6705	Brilliant Crimson .....	.15
6710	Canary Yellow .....	.15
6715	Dark Blue .....	.15
6720	Dark Blood Red .....	.15
6725	Flesh Color .....	.15
6730	Peach Blossom. Rose Pink, center shading to yellow .....	.15
6735	Bright Rose .....	.15
6740	Light Blue .....	.15
6745	Pure White .....	.15

**PRINCE BISMARCK.** Of robust habit, long vigorous flower stems, very large flowers. Plants 2 to 2½ ft., continue to bloom much longer than other varieties, and produce a large percentage of double flowers.

6770	Pure White .....	.15
6775	Light Blue .....	.15
6780	Light Lilac .....	.15
6785	Canary Yellow .....	.15
6787	Rose .....	.15



**NEWPORT BEAUTY.** An exceptionally fine dwarf variety for early flowering; valuable for cutting and making one of the finest pot plants, producing 90 per cent. double flowers. Excellent for forcing. Best pot stock for florists.

No.		Pkt.
6795	Finest Mixture .....	.20
6800	Snowflake. Pure White .....	.20
6805	Delicate Light Rose .....	.20
6810	Light Blue. Extra fine .....	.20
6815	Ruby. Fiery red .....	.20
6820	Salmon. Soft, delicate salmon .....	.20
6825	Sapphire. Sapphirine blue. ....	.20

### LARGE-FLOWERING, TEN-WEEKS.

Fine for pot plants.

6840	Finest Mixed .....	1/4 oz. \$1.00, 1/8 oz. 60c.	.10
6845	Blood Red .....	1/4 oz. 1.00, 1/8 oz. 60c.	.10
6850	Brilliant Rose .....	1/4 oz. 1.00, 1/8 oz. 60c.	.10
6855	Canary Yellow .....	1/4 oz. 1.00, 1/8 oz. 60c.	.10
6860	Crimson .....	1/4 oz. 1.00, 1/8 oz. 60c.	.10
6865	Scarlet .....	1/4 oz. 1.00, 1/8 oz. 60c.	.10
6870	Sky Blue .....	1/4 oz. 1.00, 1/8 oz. 60c.	.10
6875	Violet .....	1/4 oz. 1.00, 1/8 oz. 60c.	.10
6880	Pure White .....	1/4 oz. 1.00, 1/8 oz. 60c.	.10

### MAMMOTH COLUMN.

6890	Bright Rose .....	1/8 oz. \$1.25	.15
6895	Pure White .....	1/8 oz. 1.25	.15
6900	Light Blue .....	1/8 oz. 1.25	.15
6905	Crimson .....	1/8 oz. 1.25	.15
6910	Dark Blue .....	1/8 oz. 1.25	.15

### MAMMOTH EARLY-FLOWERING TEN-WEEKS (Giants of Nice).

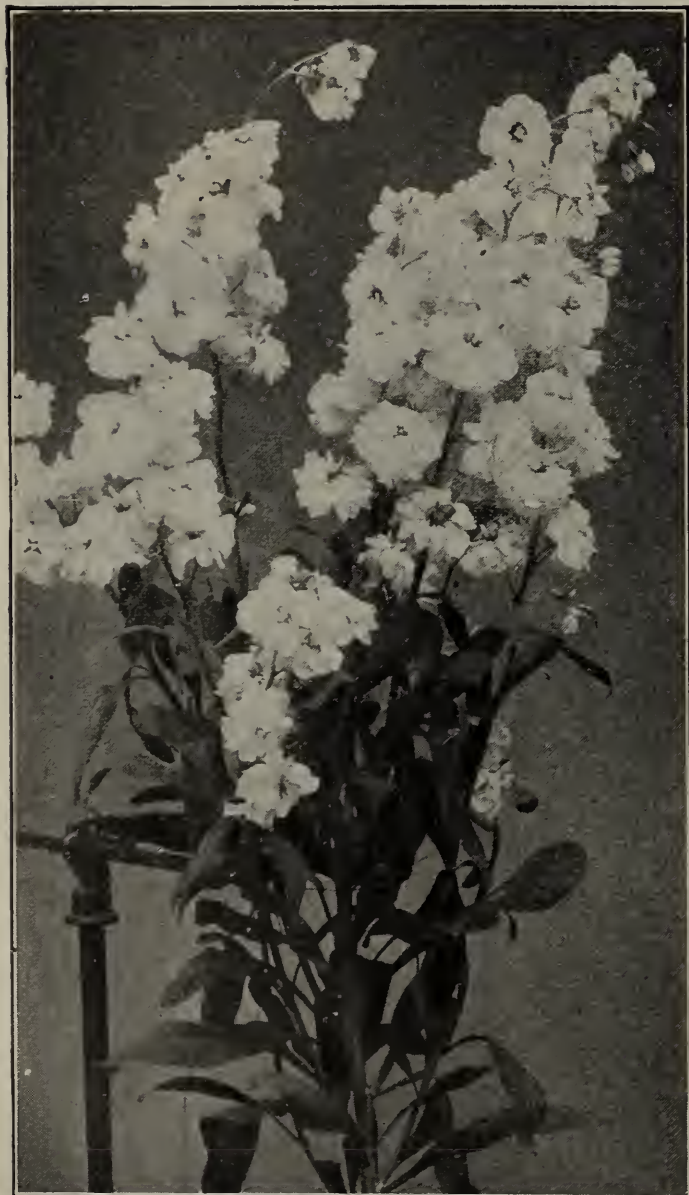
Excellent for Winter forcing and fine for Summer blooming.

6912	Abundance. Fine spikes; carmine rose flowers .....	1/8 oz. \$1.00	.10
6915	Beauty of Nice. Delicate flesh pink; extra large spikes .....	1/8 oz. 75c.	.10
6918	Blood Red (Moulin Rouge) .....	1/8 oz. 75c.	.10
6920	Rose of Nice .....	1/8 oz. 75c.	.10
6925	Blanche Superb. Snow white .....	1/8 oz. 75c.	.10
6926	Canary Yellow .....	1/8 oz. 75c.	.10
6927	Casino. Light blue or lavender .....	1/8 oz. 75c.	.10
6928	Chamois Rose .....	1/8 oz. 75c.	.10
6935	Queen Alexandra. Rosy lilac .....	1/8 oz. 75c.	.10
6940	President Roosevelt. Bright silvery delicate lilac, of extraordinary size, with long stems .....		.25

6950	STOKESIA cyanea (Cornflower Aster). H. P. Beautiful hardy perennials, with handsome lavender-blue Cornflower-like blossoms. 2 ft. ....	1/4 oz. 60c.	.10
6960	alba. Pure white .....	1/4 oz. 60c.	.10

6965	SWAINSONA grandiflora alba. G. P. Fine for house or conservatory. Graceful foliage and pure white Sweet-Pea-like flowers. 6 ft. ....		.25
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**SWEET ALYSSUM.** See Alyssum.



Stock, Boston Flower Market, White



# SWEET PEAS

*Culture.*—Ordinary good garden soil is suitable for Sweet Peas. The ground should be well drained to avoid water lying too long and becoming sour.

Soil prepared as for vegetables produces fair results, but a little more care will repay the planter. It is well to cultivate and prepare the ground in the Fall, supplying at this time a good amount of stable manure and bonemeal.

Select for a location in your garden a place open and airy and which receives the sun all day.

Seed should be sown in trenches about 4 inches deep and covered to a depth of 2 inches, still allowing the center of the trench to remain at least 2 inches below the level of the ground, that water may be retained.

In case of dry weather, constant watering is necessary to keep the roots cool.

When the vines are up about 6 inches high, staking with brush or trellis should be attended to at once. One ounce of seed is sufficient to plant 20 feet of drill.

## Australian Early Winter-Flowering Spencers

The following varieties are direct from the originator:

**YARRAWA.** (Originator's Strain). This world-famous variety was the original Australian Early Flowering Spencer Strain of Sweet Peas. It is of the largest size and great substance, it bears three and sometimes four flowers on splendid long stems and is most delicately tinted, the standard being a deep rose-pink and the wings soft blush-pink. **Pkt. 25c.**

**CONCORD COUNTESS.** A superbly beautiful variety of a most attractive tint of pink—the ideal flower color. The color graduates to a lighter tint at base of standard and wings. The flowers are large, of true Spencer form, and are carried mostly in threes on long stems. **Pkt. 25c.**

**CONCORD XMAS PINK SHADES.** A Spencer strain of the old Xmas Pink coloring. It contains some slight variations but it produces really superb blooms of very showy coloring; rosy cerise standard, creamy white wings, slightly tinted blush. **Pkt. 25c.**

**CONCORD CHARM.** The standard is white, tinted or stained very light heliotrope; the wings are a lighter tint, being almost white. A very captivating variety, of the best Spencer form and largest size. **Pkt. 25c.**

**CONCORD ROSE.** Color is a rich deep glowing rose, of a fine Spencer type. This new sort promises to be one of the finest florist varieties of the Concord strain. **Pkt. 25c.**

**CONCORD WINSOME** (Cattleya Color). A delightful shade of pink, tinted lavender; a most fascinating color. Blooms are large, nicely waved Spencer form; stems are long and wiry. **Pkt. 25c.**

**CONCORD MAUVE AND PINK BLEND.** Both the mauve and pink are magnificent blooms of best Spencer form and as the two colors harmonize beautifully we recommend this "blend" as very desirable in every way. **Pkt. 25c.**

**CONCORD CREAM AND PINK SHADES.** Many delightful shades will be produced by this mixture, shades which blend most harmoniously and are unsurpassed for decorative purposes. They are all of a high standard of size, form and substance. **Pkt. 25c.**

**IMPROVED METEOR.** A semi-Spencer; form similar in color to Scarlet Emperor, being a rich, dark scarlet. **Pkt. 25c.**

**CONCORD MAUVE SHADES.** Contain a number of exceedingly fine mauve and lavender tints, which have not yet been selected out sufficiently to offer as distinct varieties. The blooms are of the largest size and the best Spencer form. **Pkt. 25c.**

**CONCORD DELICATA.** In color it is in the young stage very lightly tinged with a sort of rosy heliotrope. As the flower ages this gradually fades, leaving to full flower almost a clear white. **Pkt. 25c.**

**CÆRULEA.** A glorious Sweet Pea of the most delightful shades of delicate sky-blue, sometimes a little lighter. The blooms are of good open form, three on a stem. **Pkt. 25c.**

**WHITE SWAN.** A splendid white Sweet Pea, of largest size, exquisite form and well carried, often four blooms on a stem. Magnificent variety for garden or exhibition. **Pkt. 25c.**



Sweet Pea Venus

## American Winter-Flowering Spencer

**YARRAWA.** The color on opening is a rose, changing as the flower develops to a light pink standard, tinted buff, with blush wings; a delightful combination. The blooms are very large, of great substance, and beautifully waved.

**FORDHOOK ROSE.** A charming shade of rosy carmine. The flowers are of largest size and usually borne in three and fours on long, stiff stems.

**ASTA OHN.** Delicate lavender.

**BLANCHE FERRY SPENCER.** (Pink and white).

**HELEN LEWIS.** (New.) Orange salmon.

**HERCULES.** (New.) Mammoth rosy pink.

**MRS. CHAS. ZVOLANEK.** Clear lavender.

**LAVENDER PINK.** Very choice, with large bloom.

**MRS. A. A. SKACH.** Bright shell pink.

**MRS. SPANOLIN.** Black seeded sort, clear white.

**MRS. WM. SIM.** Apricot pink.

**PRESIDENT WILSON.** Rose carmine.

**ROSE QUEEN.** Fine shade of pink.

**SELMA SWENSON.** Soft pink.

**VENUS.** Standards, slightly blush pink.

**WEDGWOOD.** Beautiful light blue.

**WHITE ORCHID.** Pure white.

**Pkt. 10c., ½ oz. \$1.00, oz. \$1.75.**



## Giant Spencer and Orchid-Flowering Mixture

7175. In offering our Giant Spencer and Orchid-flowering Mixture of Sweet Peas, we are undoubtedly giving the public the choicest assortment of varieties obtainable. We use particular pains in selecting the best and largest-flowering strains, all of the true Spencer and Unwin types, as well as the colors that will blend together, our large assortment of varieties to select from, allowing us to secure the best results. The varieties included in this Mixture will produce from three to four flowers on a stem, the blooms being far superior to the original Grandiflora type previously used. Beautifully waved and fluted with long stems, varying from 8 to 17 inches in length. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.75.

## Giant Spencer and Orchid-Flowering Varieties

- No. 7000 **AFTERGLOW.** Bright violet blue, shading to rosy-amethyst; color blending very conspicuous. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.
- AGRICOLA.** A very pleasing shade of lilac-blush; generally four flowers on a stem; of fine Spencer form, and exceedingly large. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.35.
- 7001 **AMERICA SPENCER.** Red flaked on white ground. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7002 **APPLE BLOSSOM SPENCER.** Standard rose, wings light carmine. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7004 **ASTA OHN SPENCER.** Delicate lavender, tinted mauve. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7008 **AURORA SPENCER.** Rose flaked white. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7009 **BARBARA.** An excellent sort for exhibition of table decoration; a large salmon-orange self and much superior to Earl Spencer as it retains its original color. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.60.
- 7012 **BERTRAND W. DEAL IMPROVED.** Pinkish mauve on primrose ground; inclined to the duplex type. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7014 **BLANCHE FERRY SPENCER.** Pink and white. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25.
- 7022 **CHARLES FOSTER.** Light pink, lightly tinted magneta, metallic salmon-flush in standards, sometimes described as pastel shades. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25.
- CONSTANCE HINTON.** A black seeded white self of excellent substance and large size; of fine Spencer form with four flowers on a stem. This variety at times shows a decided blush tinge. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50.
- 7025 **CONSTANCE OLIVER.** Delicate shade of pink, suffused cream. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7026 **COUNTESS SPENCER.** Bright clear pink, deeper at the edges; large flowers. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7028 **DECORATOR.** Rose carmine on primrose ground. Rose du Barri of Spencer type. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.
- 7029 **DREAM (Irish Belle).** A lovely rich lilac, flushed with pink. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7032 **EARL SPENCER.** Light orange-salmon, with slight metallic tone. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25.
- 7034 **EDITH TAYLOR.** Soft salmon-rose. Distinct and attractive. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25.
- 7036 **ELFRIDA PEARSON.** Light pink and blush, with deeper margin, inclined to the duplex type. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7040 **EMPRESS EUGENIE.** Blooms beautifully waved and crimped, of a delicate tone of light gray, flaked with light lavender. Free bloomer with vigorous vines. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50.



- No. 7041 **ETHEL ROOSEVELT.** Soft primrose or straw-colored ground, dainty splashes of bluish crimson. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7045 **FIERY CROSS.** (New). Having the appearance of live fire, color a scorching fire-red, or scarlet, which glitters in bright sunlight, and a variety absolutely sunproof. The flowers are beautifully waved and fluted, usually three and four on long, stout stems. Pkt. 25c., oz. \$1.50.
- 7046 **FLORA NORTON SPENCER.** Bright blue, slight purple tint. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7050 **FLORENCE NIGHTINGALE.** Best soft lavender. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.25.
- 7052 **FRANK DOLBY.** Beautiful pale lavender. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.
- 7054 **GAIETY SPENCER.** White, striped with rosy magneta. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.



- No.  
7060 **GLADYS UNWIN.** Clear light pink, almost self-colored, slightly deeper at edges.  
Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.
- 7062 **HELEN LEWIS.** Giant orange pink.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7066 **HERCULES.** A flower of great substance and exquisite size, and beautifully waved. The color is a magnificent, soft rose-pink self.  
Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.
- 7070 **ILLUMINATOR.** A very pleasing color; ground of salmon orange with rich bright cerise-pink. Flowers of excellent texture and size.  
Pkt. 15c., oz. 50c.
- 7072 **KING EDWARD SPENCER.** A rich crimson scarlet, enormous flowers and beautifully waved.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7073 **KING WHITE.** The finest pure white Sweet Pea ever offered. The vines are extremely strong, flowers the largest, of the finest frilled type, while the color is of the purest white, and eclipses all other white Sweet Peas.  
Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.
- 7074 **LOVELY SPENCER.** Soft shell pink, edges shading to white.  
Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50.
- MARGARET ATLEE.** A particularly fine variety of the duplex type; flowers of extraordinary size. The color is an exquisite shade of salmon pink perfectly suffused over a cream ground, the shade of pink being quite different from any yet seen.  
Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.
- 7075 **MARGARET MADISON.** Color a clear azure-blue; flowers of good size, delightfully waved.  
Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50.
- 7077 **MARTHA WASHINGTON.** Ground pure white, edges heavily picoteed with deep rose, flowers large and beautifully waved.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7078 **MARY GARDEN.** (Duplex). Soft buff, suffused with salmon pink and apricot. The standards are beautifully waved, wings large and expansive.  
Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.
- 7082 **MRS. A. IRELAND.** Standards bright rose pink, clear creamy base, wings beautiful blush, overlaid rose on exterior.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7083 **MARKS TEY.** An extra large flower and strong growing vine. The standard is a rich rosy-maroon, the wings a bluish mauve. A fine exhibition sort.  
Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.
- 7084 **MRS. CUTHBERTSON.** Standard is a clear rose pink, wings white, slightly flushed light rose. Flowers usually four on very long stems. A beautiful bi-color of gigantic size and Spencer type.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7086 **MRS. HARCATTLE SYKES.** Blush pink, large flower, beautifully waved.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7088 **MRS. HUGH DICKSON.** Light pink on primrose ground; stems long; large, graceful blooms and very free.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7092 **MRS. ROUTZAHN.** Apricot, suffused pink.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7096 **MRS. TOWNSEND.** White ground, flaked deep heliotrope.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7097 **MRS. W. J. UNWIN.** Lovely glowing orange scarlet, flaked on a white ground. One of the best varieties.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7100 **NORA UNWIN.** Pure white, extra fine, large and wavy.  
Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.
- 7102 **NUBIAN.** A variety of great substance, and beautifully waved; color is a clear maroon or deep chocolate.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7101 **ORCHID.** One of the finest of the new sorts; the color is a rich deep lavender throughout, standards and wings slightly suffused pink, the true Cattleya color. Plants very vigorous, flowers of exceptional size and a profuse bloomer.  
Pkt. 15c., oz. 50c.
- 7104 **OTHELLO SPENCER.** Deep glossy maroon.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7124 **PRIMROSE SPENCER.** Finest yellow.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7127 **R. F. FELTON.** Color is a soft, pleasing shade of lavender, suffused rose, wings French gray. Flowers are waved and unusually large, with strong stems.  
Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.35.
- 7128 **ROSABELLE.** Attractive rose-crimson color with a distinct white blotch at the base of the standard and wings; perfect form; very much waved.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.



White Spencer

- No.  
7130 **ROYAL PURPLE.** A new shade in Sweet Peas, a rich purple and almost a true royal purple. The same shade does not exist in the grandiflora type.  
Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.
- 7134 **SENATOR SPENCER.** Ground of light heliotrope, beautifully striped and flaked with deep claret and chocolate.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7135 **SCARLET EMPEROR.** Rich dark scarlet, sun-proof and one of the best of its color.  
Pkt. 15c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.
- 7137 **STERLING STENT.** A beautifully waved shrimp-pink, deeper than Earl Spencer and superior flower.  
Pkt. 15c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.
- 7144 **TENNANT SPENCER.** Beautiful purple mauve, self-colored.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7146 **THE PRESIDENT.** Wonderfully brilliant and might be termed a glowing scarlet self. The flowers of extremely large size, borne on strong, stiff stems beautifully waved, even when well opened, usually four on a stem. One of the brightest colors, and does not burn.  
Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.
- 7148 **THOMAS STEVENSON.** True Spencer type, beautiful orange-scarlet, waved flowers, usually four on a stem.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7149 **VERMILION BRILLIANT.** A most brilliant iridescent scarlet, with flowers of perfect form and uniform color; standards and wings well waved and fluted.  
Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.
- 7150 **WEDGWOOD.** Producing usually four flowers to a stem of a unique shade of Wedgwood blue, and the finest Spencer form.  
Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.
- 7152 **W. T. HUTCHINS.** Light apricot, overlaid with delicate blush pink.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7154 **WHITE SPENCER.** One of the best pure whites.  
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.





Sweet William, Double Salmon

## SWEET PEAS *Grandiflora* Varieties Blue Ribbon Mixture

7500 We have a galaxy of colors, of incomparable delicacy and richness, from pure white through yellow, orange, salmon, rose, cerise, ruby, red, maroon, light blue, lavender, violet and purple, and also including the striped and variegated. The varieties include both the hooded and open forms, the medium and large flowered, longest stems. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.

Price of the following named varieties.

Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.,  $\frac{1}{2}$  lb. 65c., lb. \$1.25.

- 7515 **Admiration.** Pinkish lavender, light primrose ground.
- 7520 **Apple Blossom.** Standard pink, wings white, shaded pink.
- 7535 **Black Knight.** Very deep maroon.
- 7540 **Blanche Ferry.** (Extra Early.) Carmine rose, wings white, tinted pink.
- 7560 **Captain of the Blues.** Purple, wings bright blue.
- 7575 **Countess of Radnor.** Light mauve standard, lavender wings.
- 7590 **Dainty.** Pure white, edged with light pink.
- 7595 **Dorothy Eckford.** An excellent pure white.
- 7605 **Duke of Westminster.** Clear purple, tinted violet.
- 7630 **Emily Henderson.** Pure white, large size.
- 7675 **Janet Scott.** Clear, deep, but bright pink.
- 7680 **Katherine Tracy.** Standard soft pink, wings a shade lighter. Almost self-colored.
- 7685 **King Edward VII.** Bright red or crimson scarlet, almost self-colored.
- 7690 **Lady Grisel Hamilton.** Standard light mauve, wings lavender; large size.
- 7710 **Lottie Eckford.** White, heavily shaded with lilac, rim of deep blue.
- 7720 **Lovely.** Deep pink, shading to very light pink.
- 7740 **Miss Wilmott.** Orange pink, veins of a deeper orange pink.
- 7765 **Mrs. Joseph Chamberlain.** Rose, striped on white. Extra large and fine form.
- 7770 **Mrs. Walter Wright.** Rose purple, self-colored.
- 7775 **Navy Blue.** Standard indigo and violet, wings indigo shading to navy blue.
- 7780 **Othello.** Very dark maroon, showing veins of almost black.
- 7795 **Prince of Wales.** Rose crimson, self-colored.
- 7805 **Sadie Burpee** (White-seeded). Pure white.
- 7828 **The Hon. Mrs. E. Kenyon.** Light primrose.
- 7835 **White Wonder.** Pure white, double.

**Sweet William.** (*Dianthus barbatus*). H.P. Extensively used in old-fashioned gardens; flowers borne in large clusters of most brilliant colors, and are fine for cutting. An indispensable plant for perennial beds and borders. Seeds if sown in February and March usually flower the same Summer.

- | No.  |   | Pkt.   |
|------|---|--------|
| 8040 | <b>DOUBLE SALMON.</b> The flowers are of good size, of a rich salmon coloring producing fine clusters of flower heads, and extremely double. Plants make a sturdy and robust growth, with long long flower stems, while the foliage shows a beautiful deep green..... | \$0.20 |
| 8045 | <b>SCARLET BEAUTY.</b> The color is an intensely rich, deep scarlet, almost identical in color with <i>Euphorbia splendens</i> , and quite different from all other scarlet varieties. The plant has the same habits and growth as Pink Beauty .....                  | .20    |
| 8050 | <b>Finest Single Mixed.</b> 18 in.....  | .15c.  |
| 8055 | <b>Auricula-Flowered.</b> Finest mixed. Dark eyes .....   | .10    |
| 8060 | <b>HOLBORN GLORY.</b> A most magnificent strain with giant flowers and beautiful colors. ....   | .10    |
| 8065 | <b>Dark Crimson.</b> 18 in.....   | .05    |
| 8070 | <b>Pure White.</b> 18 in.....   | .05    |
| 8075 | <b>DIADEM.</b> The flowers are deep rich crimson, with a well defined white eye. ....   | .20    |
| 8076 | <b>DOUBLE PURE WHITE.</b> .....   | .10    |
| 8080 | <b>PINK BEAUTY.</b> A very robust plant with long wiry stems and large flower heads, color a rich salmon pink. ....   | .10    |
| 8085 | <b>SUTTON'S SCARLET.</b> A grand selection from Pink Beauty; of vivid color; very striking .....  | .15    |
| 8090 | <b>Double Finest Mixed.</b> 18 in ...   | .05    |

**Sweet Clover.** *H. B.* Cultivated for their fragrant flowers, which are commonly used for dried flowers.

- 8000 **White.** 3 ft. .... Oz. 25c. .05
- 8005 **Blue.** 2 ft. .... Oz. 25c. .05
- 8010 **Yellow** (*Suaveolens*). 2 ft. .... Oz. 25c. .05
- SWEET ROCKET.** See *Hesperis*.
- SWEET SULTAN.** See *Centaurea moschata*.
- THALICTRUM** (*Meadow Rue*). H. P. Forming compact tufts from 12 to 18 inches high; grown mostly for its pretty foliage which resembles Maidenhair Ferns.
- 8095 **adiantifolium.** 3 ft..... .10
- THERMOPSIS.** H. P. The yellow flowers in terminal clusters, with palmate, downy clover-like foliage, are suitable for perennial beds.
- 8100 **lupinoides.** 4 ft..... .15

**Thunbergia.** H. A. Pretty trailing plants, mostly used for window boxes, vases and urns; foliage and flowers produce a striking effect.

- 8105 **alata.** Yellow, with dark eye. 5 ft...  $\frac{1}{4}$  oz. 35c. .10
- 8110 **alaba.** White, with dark eye. 5 ft.....  $\frac{1}{4}$  oz. 35c. .10
- TORENIA.** H. H. A. Plants upright growing, of branching and graceful habit, with profusion of brilliant flowers.
- 8115 **Bailloni.** Deep yellow and maroon. 1 ft. .10
- 8120 **Fournieri grandiflora.** Bright blue, 1 ft. .10
- TRITOMA** (*Red-Hot Poker Plant*, or *Flame Flower*). H. P. Magnificent, large spikes of orange-red flowers, attaining a height of 4 ft. effective in single clumps or among shrubbery. Plants, see page 132.
- 8125 **Uvaria grandiflora.** Orange and scarlet .10

**Tropaeolum.** (*Canary Bird Vine*). Rapid climber, of easy cultivation, flowering continually all Summer; flowers of a bright canary yellow.

- 8145 **Canariensis.** .... Oz. 50c. .05
- VALERIAN.** H. P. Fine border plants with long spikes of fragrant flowers, suitable for cutting.
- 8150 **Finest Mixed.** ....  $\frac{1}{4}$  oz. 15c. .05



## VERBENA

H. H. P. One of the finest bedding plants and also suitable for borders, with its heads of brilliant colored flowers, producing one mass of bloom throughout the Summer. Seeds may be sown in March or April indoors and planted out when weather permits; succeeding well in any good garden soil.

No.		Pkt.
8195	<b>HELEN WILLMOTT.</b> This variety of Verbena is undoubtedly the handsomest under cultivation, and is unequalled for bedding. It is a true grandiflora type; since its introduction a few years ago it has not had a rival. The plants are particularly strong, bearing a heavy deep green foliage, with flower heads of monstrous size. The color is a beautiful bright salmon rose, with a pure white eye. ....	\$0.20
	<b>BOSTON MAMMOTH.</b> An excellent strain, producing immense flowers. Plants of vigorous growth and a great variety of color. Seeds sown in March produce fine plants for setting out in early Summer, or sown in the open during May and June.	
8200	<b>Finest Mixed</b> ....Oz. \$2.00, ¼ oz. 60c.	.10
8203	<b>Auriculiflora</b> .....Oz. 2.00, ¼ oz. 60c.	.10
8205	<b>Pink</b> .....Oz. 2.00, ¼ oz. 60c.	.10
8210	<b>White</b> .....Oz. 2.00, ¼ oz. 60c.	.10
8213	<b>Lutea. Yellow</b> ...Oz. 2.00, ¼ oz. 60c.	.10
8215	<b>Blue</b> .....Oz. 2.00, ¼ oz. 60c.	.10
8220	<b>Striped</b> .....Oz. 2.00, ¼ oz. 60c.	.10
8225	<b>Scarlet</b> .....Oz. 2.00, ¼ oz. 60c.	.10
8230	<b>Fine Mixed</b> .....Oz. \$1.50	.05

Lemon Verbena. See Aloysia.

**VERONICA** (Speedwell). H. P. Long spikes of brilliant blue flowers, excellent for growing in shady places and requiring plenty of moisture.

8235	<b>longifolia.</b> Rich blue. 3 ft. ... ½ oz. 40c.	.05
8240	<b>spicata.</b> Light violet blue. 3 ft. ½ oz. 35c.	.05



Wahlenbergia grandiflora alba

**Vinca.** (Periwinkle). H. A. Of easy cultivation, growing very readily from seed and flowering same season. Plants have dark green foliage and the pink or white single flowers make fine pot plants.

No.		Pkt.
8245	<b>Finest Mixed</b> 1 ft. ... ¼ oz. 60c.	\$0.05
8250	<b>Bright Rose</b> 1 ft. ... ¼ oz. 60c.	.05
8255	<b>Pure White</b> 1 ft. ... ¼ oz. 50c.	.05
8260	<b>White with Pink Eye.</b> 1 ft. ... Oz. \$1.25, ¼ oz. 40c.	.05

**Vinca.** Trailing, variegated leaf. Plants only.

**VIOLA odorata** (Sweet-scented Violet). Well-known favorite, much in demand, on account of its abundant and fragrant blossoms.

8265	<b>Princess of Wales.</b> Deep Violet	.15
8270	<b>The Czar.</b> Large dark blue. ....	.15
8275	<b>VIRGINIAN STOCK.</b> Early flowering; excellent for bedding and flowering effect.	
	<b>Finest Mixed.</b> ..... ¼ oz. 20c.	.05

**Wahlenbergia.** (Platycodon). H. P. Large, bell-shaped flowers, similar to the Campanula; fine for perennial borders.

No.		
8285	<b>Grandiflora. cærulea.</b> Blue, 3 ft ¼ oz.	.50
8290	<b>alba.</b> White, 3 ft. ¼ oz.	.50

**Wallflower.** (Cheiranthus Cheiri). An old-fashioned English flower, greatly esteemed for its fragrance and its free Winter blooming qualities. Parisian varieties flower first season from seed.

8300	<b>Early Parisian.</b> Light brown..	.05
8305	<b>Early Parisian.</b> Blood red....	.10
8308	<b>Golden Gem.</b> Annual .....	.10
8310	<b>Finest Single Mixed.</b> 18 in....	.05
8315	<b>Double Branching, Finest Mixed</b>	.10

**WHITLAVIA.** H. A. Fine for small beds or ribbon borders; bell-shaped flowers.

8320	<b>Dark Blue,</b> 1 ft. .... ¼ oz.	.15c.
8325	<b>alba. White.</b> 1 ft. .... ¼ oz.	.15c.

**WILD CUCUMBER.** See Echinocystis lobata No. 2790



Verbena, Helen Willmott



## GIANT ZINNIAS

One of the most popular and most extensively used of all our hardy annuals. The following list comprises a very choice strain of large variety and of the most brilliant colors. Requires but little attention; will grow in any good garden soil. If sown in gentle heat in March, will flower latter part of June and continue until killed by frost.

### Grandiflora Robusta Plenissima

(Giant Zinnia)

This mammoth strain has produced excellent results to hundreds of customers who have grown it with great success.

The plants are of exceedingly robust habit.

The flowers are borne on long, stiff stalks, of a semi-globular form, are mostly very double, and, together with their immense size, produce a very marked effect.

The flowers, as the illustration will indicate, measure from five to six inches across, this being by no means unusual. Zinnias being a very popular flower for bedding and old-fashioned gardens, and also of special value for cutting purposes, these new colors cannot but make a valued addition to our already standard varieties.

Per pkt. 15c.

No.		
8380	Crimson.	Average Height about 3ft.
8382	Flesh Color.	
8384	Golden Yellow.	
8386	Purple.	
8388	Scarlet.	
8390	Sulphur Yellow.	
8392	Violet.	
8394	White.	
8396	Finest Mixed.	



Giant Zinnia grandiflora robusta plenissima



Zinnia, Boston Mammoth

No.	BOSTON MAMMOTH.	Pkt.
8400	Finest Mixed.	Oz. \$1.00, 1/4 oz. 30c. \$0.05
8405	Canary Yellow.	Oz. 1.00, 1/4 oz. 30c. .05
8410	Carmine.	Oz. 1.00, 1/4 oz. 30c. .05
8415	Crimson.	Oz. 1.00, 1/4 oz. 30c. .05
8420	Deep Maroon.	Oz. 1.00, 1/4 oz. 30c. .05
8425	Flesh Color.	Oz. 1.00, 1/4 oz. 30c. .05
8430	Dark Purple.	Oz. 1.00, 1/4 oz. 30c. .05
8435	Rose.	Oz. 1.00, 1/4 oz. 30c. .05
8440	Scarlet.	Oz. 1.00, 1/4 oz. 30c. .05
8445	Striped.	Oz. 1.00, 1/4 oz. 30c. .05
8450	White.	Oz. 1.00, 1/4 oz. 30c. .05
8455	Golden Yellow.	Oz. 1.00, 1/4 oz. 30c. .05
	Collection six varieties.	.25
	<b>DOUBLE DWARF, Large Flowering.</b>	
8480	Finest Mixed.	..Oz. \$1.00 .05
8485	Salmon Rose.	..Oz. 1.00 .05
8490	Sulphur Yellow.	..Oz. 1.00 .05
8495	Orange.	..Oz. 1.00 .05
8500	Scarlet.	..Oz. 1.00 .05
8505	Crimson.	..Oz. 1.00 .05
8510	White.	..Oz. 1.00 .05
	Collection six varieties.	.25
	<b>CURLED AND CRESTED.</b> A large flowering variety with curiously curled and twisted petals. 2 ft.	
8520	Finest Mixed.	1/4 oz. 50c. .10
8525	Silvery White.	1/4 oz. 50c. .10
8530	Orange.	1/4 oz. 50c. .10
8535	Bright Scarlet.	1/4 oz. 50c. .10
8540	Cream-color.	1/4 oz. 50c. .10
8545	Canary Yellow.	1/4 oz. 50c. .10
	<b>MONSTROUS-FLOWERED.</b> An exceedingly large variety, very free flowering, consisting of most brilliant colors. 2 1/2 ft.	
8550	Finest Mixed.	1/4 oz. 40c. .10
8555	Pure White.	1/4 oz. 40c. .10
8560	Golden Yellow.	1/4 oz. 40c. .10
	<b>LILLIPUT.</b> A small double flowering sort of dwarf habit; very effective when used as a border.	
8565	Finest Mixed. 1 ft.	Oz. \$1.00 .10
8570	Golden Yellow (Golden Gem)...	Oz. 1.00 .10
8575	Scarlet. Gem. (Little Red Riding Hood).	Oz. \$1.00 .10
8580	White. Gem. 1 ft.	Oz. 1.00 .10



## HARDY LILIES

We make a specialty of Hardy Lilies. We can only deliver these as they mature and also according to the importations. Some varieties do not arrive in this country until the middle of November, while our native Lilies can be delivered as early as October 20. *Lilium candidum* can be delivered after September 10. The majority of these varieties arrive in the late Fall, but most deliveries are made in early Spring.

**ALBUM.** (White Japanese Lily.) This variety of *Speciosum* is undoubtedly the hardiest and most popular Lily for the border of garden. They grow from 3 to 4 feet high and continue to bloom from August till frost. The above variety is pure white.

**Mammoth Bulbs.** Each 60c., doz. \$6.00, 100 \$48.00.  
**Selected Bulbs.** Each 40c., doz. \$4.50, 100 \$35.00.

**AURATUM.** (Golden-banded Lily of Japan.) This variety grows on a strong stem, 4 to 5 feet high, from six to twelve immense blooms which measure 10 inches when expanded. The flowers are white, with a broad yellow stripe through the center of each petal and freely spotted chocolate crimson. Their fragrance is delicious.

**Mammoth Bulbs.** Each 60c., doz. \$6.00, 100 \$48.00.  
**Extra Large Bulbs.** Each 50c., doz. \$5.00, 100 \$40.00.  
**First Size Bulbs.** Each 40c., doz. \$4.50, 100 \$35.00.

**AURATUM RUBRUM VITTATUM.** Very large flowers, often 1 foot across; pure ivory white, with broad crimson stripe through center of each petal. One of the choicest sorts.

Each \$1.00, doz. \$10.00.

**BATEMANII.** Japanese Lily producing bright orange-red flowers. 3 to 4 feet. July and August. Each 60c., doz. \$6.00.

**BROWNII.** Flowers very large, trumpet-shaped, pure white inside, brownish outside. Stamens chocolate color. 3 feet. July and August. Each \$1.25, doz. \$12.00.

**CANADENSE.** (Native Canadian Bell Lily.) Flowers bright yellow, with small black spots. A most graceful Lily and excellent for naturalizing in shrubs and woods. It usually grows 2 to 3 feet high, with a great quantity of blossoms; fine among shrubbery.

Each 15c., doz. \$1.75, 100 \$12.50.

**CANADENSE RUBRUM.** Similar to above, only crimson, spotted with black; flowers in July and August.

Each 25c., doz. \$2.50.

**CHALCEDONICUM.** (Scarlet Turk's Cap.) Brilliant scarlet recurved flower. Each 80c., doz. \$8.00.

**CROCEUM.** A splendid Lily of erect type, bearing from three to eight enormous flowers of a deep orange-tinted scarlet. Flowers in July. Each 25c., doz. \$2.50.

**ELEGANS ATROSANGUINEUM.** (Van Houttei.) One of the earliest-flowering Lilies. Deep, rich crimson, with dark spots. Flowers in June and July.

Each 30c., doz. \$3.00.

**ELEGANS ROBUSTA.** (Marmoratum Aureum.) An immense flower of the true type; three to five flowers in a cluster. Flowers in July. Each 40c., doz. \$4.00.

**EXCELSUM.** (Isabellinum, Testaceum.) Flowers recurved and of delicate buff color. Very fragrant. July. 4 to 5 feet. Each 75c., doz. \$8.00.

**HANSONII.** Deep golden yellow, spotted chocolate. Each 60c., doz. \$7.00.

**HENRYI.** (Yellow *Speciosum*.) A vigorous Lily; color deep orange yellow, banded with green. Each 75c., doz. \$7.50.

**KRAMERI.** Blush pink; fragrant and beautiful trumpet-shaped flowers. Each 40c., doz. \$4.00.

**MAGNIFICUM.** Most intensely colored of all *Speciosum* varieties. A large clump of these Lilies will make a wonderful effect.

**Mammoth Bulbs.** Each 60c., doz. \$6.00, 100 \$48.00.  
**Selected Bulbs.** Each 40c., doz. \$4.50, 100 \$36.00.



*Lilium rubrum*

**MELPOMENE.** Large; deep crimson, heavily spotted.  
**Mammoth Bulbs.** Each 60c., doz. \$6.00, 100 \$48.00.  
**Selected Bulbs.** Each 40c., doz. \$4.50, 100 \$36.00.

**PARDALINUM.** (Leopard Lily.) Rich scarlet and yellow flowers, spotted with rich brown. Robust and free flowering. Each 30c., doz. \$3.25, 100 \$25.00.

**ROSEUM.** (Pink Japan Lily.) White, shaded and spotted dark rose.

**Mammoth Bulbs.** Each 60c., doz. \$6.00, 100 \$48.00.  
**Selected Bulbs.** Each 40c., doz. \$4.50, 100 \$36.00.

**RUBRUM.** (Red Japan Lily.) White, suffused and spotted crimson.

**Mammoth Bulbs.** Each 60c., doz. \$6.00, 100 \$48.00.  
**Selected Bulbs.** Each 40c., doz. \$4.50, 100 \$36.00.

**SUPERBUM.** (Our Native Turk's Cap Lily.) Rich orange-red petals, tipped red and dark spotted. 4 to 6 feet high. Blooms July and August.

Each 40c., doz. \$4.50, 100 \$35.00.

**TIGRINUM SPLENDENS.** (The Common Tiger Lily.) So well known that it does not require description.

Each 25c., doz. \$2.60, 100 \$20.00.

**TIGRINUM SPLENDENS FL. PL.** Double-flowering *Tigrinum splendens*. Each 25c., doz. \$2.60, 100 \$20.00.

**UMBELLATUM ERECTUM.** A Lily that resembles *Elegans* variety. Flowers are borne in large clusters; deep scarlet to dark red. 2 feet high. June.

Each 15c., doz. \$1.75, 100 \$12.00.

**UMBELLATUM INCOMPARABLE.** Beautiful dark red. Each 15c., doz. \$1.75, 100 \$12.00.

**WALLACEI.** Orange scarlet, spotted with maroon. 3 feet. September. Each 30c., doz. \$3.25.

### Lily of the Valley Clumps

(For Outdoor Culture)

By parcel post add postage at zone rates.

**Large Clumps.** Containing many flowering pipes.  
 Each 35c., Doz. \$3.50.



# Miscellaneous Bulbs FOR SPRING PLANTING



*Amaryllis Hippeastrum hybridum*

## Amaryllis

The Amaryllis, one of the most beautiful of our tender or greenhouse bulbs, is greatly admired though little grown. Bulbs should be potted in the Autumn as soon as possible, and allowed to root slowly. Their flower scape usually appears about February, after which the foliage commences to show. They should be kept growing until August or September and then allowed to rest until flowering time. Do not disturb the roots if repotting is needed.

**By Parcel Post add postage at Zone rates, (see page 1).  
Weight, 3 lbs. per doz.**

**Belladonna major.** (Belladonna Lily.) White, tipped rose; large and handsome. **Each 30c., doz. \$3.25.**

**Hallii.** The hardy Amaryllis. See *Lycoris Squamigera*.

**Hippeastrum.** Newest hybrids. These hybrids are raised from seed of the most famous strains in the world and should not be compared with the old-fashioned species. **Each \$1.00, doz. \$10.50.**

**Vittata hybrida.** A variety of *Hippeastrum*; most intensely colored; very large. **Each \$1.00, doz. \$10.50.**

**Zephyranthes rosea.** (Fairy Lily.) Rose-pink flowers; quite hardy and may be planted in the garden or in the lawn. 3 inches across. **Each 10c., doz. \$1.00, 100 \$7.00.**

**Zephyranthes candida.** Pure white; fragrant. **Each 10c., doz. \$1.00, 100 \$6.00.**

**Apios Tuberosa.** A hardy climber which bears beautiful pea-shaped, chocolate colored clusters of flowers during July and August. Requires a shady location. **Each 7c., doz. 75c.**

## Cinnamon Vine (Chinese Yam)

**Weight, 1 lb. per doz.**

Splendid, hardy climber, rapid grower, with bright, glossy green, heart-shaped leaves. White Cinnamon-scented flowers. **Each 10c., doz. \$1.00, 100 \$8.00.**

## Crinum Kirkii

A bulbous plant producing usually a two-flowered spike, growing about 2 feet in height, and surmounted by clusters of Amaryllis-like flowers, pure white, striped with purple. **Each 60c., doz. \$5.00.**

## Bessera Elegans

(Mexican Coral Drops)

Free-blooming bulbs with long, narrow, grass-like leaves and slender flower stalks; scarlet flowers.

**Each 10c., doz. \$1.00, 100 \$7.00.**

## Calla Lilies (Arum)

**By Parcel Post add postage at Zone rates (see page 1).  
Weight, 2 lbs. per doz.**

**Alba maculata** (The Spotted-leaf Calla). This variety is an excellent acquisition for the border or in clumps near ponds. Beautiful as pot plants. Flowers white. Foliage spotted white. **Each 35c., doz. \$3.50.**

**Elliottiana** (The Golden Calla). A new variety with rich golden yellow flower and white-spotted foliage. May be grown to bloom during February and June. Flowers in Summer if planted in the early Spring. Bulbs ready in November. **Each 50c., doz. \$5.00.**

## Caladium Esculentum

(Elephant's Ear)

Very showy, ornamental plants, producing a sub-tropical effect. Usually planted in groups and quite often used as a border around bronze-leaved Cannas. The foliage is very large, sometimes 2 feet across, and resembles to some extent an elephant's ear, which it is commonly called.

Bulbs may be started in pots and planted out during May and June. For good effects they should be planted about 15 inches apart; usually attain a height of from 3 to 4 feet. **By Parcel Post add postage at Zone rates (see page 1).**

**First Size Bulbs.** Weight, each ½ lb. **Each 10c., doz. \$1.00, 100 \$8.00.**

**Extra Large Bulbs.** Weight, each 1 lb. **Each 15c., doz. \$1.50, 100 \$10.00.**

**Mammoth Bulbs.** Weight, each 2 lbs. **Each 25c., doz. \$2.75, 100 \$18.00.**

**Jumbo Bulbs.** **Each 35c., doz. \$3.50, 100 \$27.50.**



*Calla Elliottiana*



## Caladiums, Fancy-Leaved

By Parcel Post add postage at Zone rates (see page 1)  
Weight, 1 lb. per doz.

In the past few years these have grown very rapidly in popular favor for the decoration of the conservatory, greenhouse or window box; excellent for planting out of doors when the ground has become warm and in partially shady borders. Soil should be well enriched. These range in a great variation of colors and beautifully marked leaf, which can hardly be described.

We have these in many varieties which we offer in dormant tubers. When ordered by the dozen we always supply a variety of colors, giving the names at the same time.

**Superfine Mixture.** Each 25c., doz. \$2.50.  
**Choice Named Sorts.** Each 35c., doz. \$3.50.

## Gloxinia

For a Summer flowering plant, both for greenhouse and window, this is the most desirable and can be easily raised from bulbs. We have these in great variety of colors and all are of the large flowering variety.

Bulbs ready for delivery about January 15th.

By Parcel Post add postage at zone rates (see page 1).  
Weight, 1 lb. per doz., 5 lbs. per 100.  
All Colors Mixed. Each 50c., doz. \$5.00.

## Hyacinthus Candicans

(Summer Hyacinth)

A most valuable, hardy perennial, showing its majestic, pure white, bell-shaped flowers during August. Most effective if planted in large clumps between shrubbery.

**Mammoth Bulbs.** Doz. 75c., 100 \$5.00.

## Lily of the Valley Clumps

(For Outdoor Culture)

By Parcel Post add postage at Zone rates (see page 1)  
Weight, 4 lbs. per clump.

Our stock of Lily of the Valley has been procured from one of the best local growers, which produce large bells and long spikes. We strongly recommend them for outdoor planting only. Each clump has a quantity of pips or crowns, and they are grown from the large flowering varieties.

**Large Clumps.** Containing many flowering pips.  
Each 35c., doz. \$3.50.



Lycoris Squamigera



Fancy-Leaved Caladium

## Lycoris Squamigera

or Amaryllis Hallii

A perfectly hardy Amaryllis, producing beautiful pink flowers.

Lycoris Squamigera produces in early Spring attractive green foliage which grows until July when it ripens off and disappears, and one not familiar with its habits would think the bulb had died, but about a month later, the flower stalks spring from the ground to a height of 2 or 3 feet, developing an umbel of large and beautiful Lily-shaped flowers 3 to 4 inches across and from eight to twelve in number, of a delicate lilac-pink shaded with clear blue.

As the bulb is perfectly hardy without any protection it can be planted either in the Fall or Spring, but we consider Fall the best time, as the bulbs will have a chance to get established before flowering time. Cover the crown about 4 inches. Very useful for the border or among shrubbery.

Each 30c., doz. \$3.25.

## Madeira Vine

By Parcel Post add postage at Zone rates (see page 1). Weight 3 lbs. per doz., 16 lbs. per 100.

A favorite tuberous-rooted climbing plant with dense and beautiful shining foliage and of very rapid growth, twining on strings to a great height or forming garlands in many fanciful forms. It will grow anywhere, but does best in a warm, sheltered, sunny location. It is also a very pretty plant for training around the windows in the house.

Each 10c., doz. \$1.00, 100 \$8.00.

## Milla Biflora

One of the loveliest bulbous plants; most desirable on account of its immense, pure, waxy-white flowers, which are borne in clusters of two to three on a flower stalk, 12 to 18 inches high. The petals are very thick and firm, and the flowers will keep in water for a week after cutting. A single bulb will produce as many as six flower stalks. **Unobtainable.**



## Montbretia (Tritonia)

By Parcel Post add postage at Zone rates (see page 1). Weight 3 lbs. per 100.

These beautiful, late, Fall flowering bulbs are very popular for clumping among perennials and massing. We have succeeded in procuring some new and distinct colorings, as will be seen by the following varieties. As these bulbs are very limited in quantity, owing to the Quarantine Act, wherein they are prohibited from importation, we would advise ordering early. We will make shipment as soon as practicable in the Spring.

**Aurea.** Golden yellow. Doz. 50c., 100 \$3.50.

**California.** Deep golden yellow. Doz. 60c., 100 \$4.50.

**CARMINEA.** (Novelty.) Beautiful red, shaded coppery rose, approaching dark rose; flowers large and well opened. Doz. 60c., 100 \$4.50.

**Etoile de Feu.** (Star of Fire.) Bright vermilion, center yellow, outside blood red. Doz. 40c., 100 \$3.00.

**FIRE KING.** (New.) Splendid glowing scarlet red. One of the most beautiful new varieties. Doz. 60c., 100 \$4.50.

**G. DAVIDSON.** (New.) Stems 3 to 4 ft. high; branching habit, bearing widely expanded pale orange-yellow blossoms. Doz. 60c., 100 \$4.50.

**Germania.** Bright orange-scarlet flowers of extremely large size. Doz. 50c., 100 \$3.50.

**Golden Sheaf.** (Gerbe d'Or.) Beautiful clear golden. Doz. 50c., 100 \$3.50.

**OBELISQUE.** (Novelty.) Yellow, slightly reflexed orange; large flowered. Doz. 75c., 100 \$6.00.

**Rosea.** Bright salmon rose; distinct. Doz. 75c., 100 \$6.00.

**SPECIOSA.** (New.) Copper color, with yellow disc in center. A distinct variety; extra large. Doz. 50c., 100 \$4.00.

**TRANSCENDENT.** (New.) Orange, shaded vermilion. Doz. 50c., 100 \$4.00.



Montbretia aurea



Tuberose, Mexican Everblooming

## Tuberose Mexican Everblooming Single

By Parcel Post add postage at zone rates (see page 1).  
Weight, 1 lb. per doz., 8 lbs. per 100.

The most free blooming Tuberose in existence. Each bulb produces only one flower spike; but the peculiar feature is the making of new bulbs, as the original one is blooming, which flower as soon as the old bulb has finished.

These bulbs may be planted out as early as the first of May and as late as the middle of June, and flowering in about eight weeks' time, they continue until after the first frost. The flower stalk is tall and stiff, usually bearing six to twenty pure white blooms, having the same delightful odor as the regular double variety.

Each 7c., doz. 75c., 100 \$6.00.

## Tuberoses

By Parcel Post add postage at Zone rates (see page 1)  
Weight, 1 lb. per doz., 8 lbs. per 100.

One of the most successful of the late flowering Summer bulbs. The best results are obtained if the bulbs are planted in pots during March and April, thereby allowing them to get well established before planting outside, though good results are to be had from bulbs planted outdoors during May.

**Excelsior, Double Pearl.** Large-flowering and valuable for cutting. Doz. 50c., 100 \$3.75.

**Excelsior, Double Pearl.** Mammoth bulbs. Doz. 75c., 100 \$6.00.

## Trillium (Wood Lily)

No charge for mailing.

Hardy, native flowers, excellent for shady places.

**Grandiflorum** (American Wood Lily). Flowers pure white, changing to delicate rose. Each 10c., doz. \$1.00, 100 \$6.00.

**Erectum.** Pure white, compact growth. Height 15 in. Each 10c., doz. \$1.00, 100 \$6.00.



# GLADIOLI

In the following list of varieties we offer only those which we have grown with satisfactory results.

We devote a large piece of ground to the trials of new varieties and those which we catalogue, and during the flowering period we have on exhibition, in our show windows, cut blooms to which we invite the attention of the public, making an excellent opportunity for them to select the colors and varieties most desirable.

It is needless to say that Gladioli at the present time produce some of the finest colors and most exquisite shades; especially beautiful are the delicate contrasts of the outer segments and the deep veining and heavily colored blotches of the throat, thus making the Gladiolus one of the most attractive Summer-flowering bulbs. We advise the planting of Gladioli during May and June and should successive plantings be made, flowers may be had until October.

Gladioli thrive in almost any good garden soil; but if well prepared, by adding stable manure, better results may be obtained.

Exposure to the sun is necessary at all times. Bulbs may be planted in rows either single or double, leaving about 4 inches between bulbs in drills 2 feet apart; plant the bulbs 4 inches deep.

When mass effect is desired, bulbs should be planted from 6 to 8 inches apart and 4 inches deep. This applies to planting in beds, borders and among shrubbery.



## Collections

The following collections consist of a choice assortment of colors, each variety marked separately, one bulb of each sort. We reserve the right to substitute on any variety should our stock become exhausted.

- A: America, Empress of India, Europa, Kunderdi Glory, Mary Fennell, Mrs. Frank Pendleton, Mrs. Watt, Niagara, Panama, Princes, Schwaben, Viola. \$1.75.
- B: Bicolor, Europa, Lovelineß, Mary Fennel, Myrtle, Octoroon, Schwaben, Viola. \$1.50.
- C: America, Attraction, Baron Hulot, Brenchleyensis, Empress of India, George Paul, Golden West, Independence, Mrs. Francis King, Mrs. Watt, Panama, War. \$1.00.

## Gladioli in Mixture

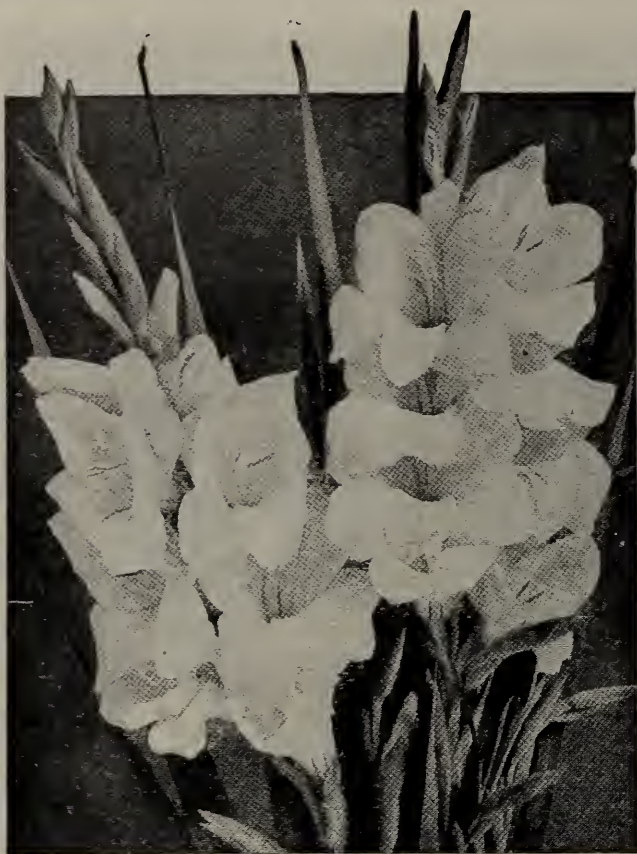
**Blue Ribbon Mixture.** Having had many calls for assortments of named varieties, we can offer this mixture which is made up from our choice varieties; containing the greatest selection of colors, all of which are fancy sorts. Doz. \$1.00, 100 \$7.50.

**Groff's Mixed Hybrids.** Are known to be the best of the earlier Hybrids grown by Mr. Groff, and are marvelous in their varied markings. Doz. 50c., 100 \$3.50, 1000 \$30.00.

**Fiske's Exhibition Mixture.** Includes a large portion of the named varieties offered in our list. In addition to the best selection of Groff's Hybrids. We mix them ourselves and know this exhibition mixture must please the most critical buyer. Doz. 75c., 100 \$6.00, 1000 \$57.00.

**Special Mixture.** Of all good varieties, in large size bulbs. Doz. 40c., 100 \$2.50, 1000 \$22.50.





America

**Alice Tiplady.** (Kunderd.) Primulinus species X yellow Kunderd. A grand, large Primulinus of most beautiful orange saffron color. Very choice. **Each 35c., Doz. \$3.50.**

**ALTAIR.** (Kunderd.) Extra tall, of finest salmon saffron. A grand color. **Each 25c., doz. \$2.50.**

**WHITE AMERICA.** (1920.) A seedling of "America," having some habit of growth, form of flower and substance. Color in the bud is a flesh white, opening to clear white, with slight mark of blue in throat. This new variety promises to be one of the best for commercial use. **Each 30c., doz. \$3.25.**

**America.** The color is a most beautiful soft pink, very much like the "Enchantress" Carnation. Individual flowers are very large and massive, and as a group or in vases there is no other flower which can excel it in effectiveness. **Doz. 60c., 100 \$4.50.**

**ARRIERE-GARDE.** Grand spike of salmony rose flowers profusely flushed with slaty violet toward the edges of the petals, blotch and center band creamy yellow. **Each 40c., doz. \$4.00.**

**Aristophane.** Very large flower of a pure salmony rose color; a white band in the center of each petal and a conspicuous straw colored blotch with small garnet red stripes on the lower petals. **Each 40c., doz. \$4.00.**

**Attraction.** Deep, dark, rich crimson, with a very conspicuous large pure white center and throat. At once a most beautiful and attractive sort. **Each 7c., doz. 75c., 100 \$5.00.**

**Augusta.** Flowers are of perfect paper white, with a slight pink shade on lower half of the petal. The spike is set solid and perfect with the flowers from top to bottom. **Each 7c., doz. 75c., 100 \$5.00.**

**A. W. Clifford.** (Kunderd.) Extra early, old carmine red with amaranth red throat and lilac tinted medial lines. **Each 50c., doz. \$5.00.**

**Badenia.** A particularly distinct lilac color, Quite different from other varieties. **Each \$1.00, doz. \$10.00.**

**BARON HULOT (Blue King).** Good sized flower, well arranged on straight spikes; color dark violet bordering on blue. **Doz. \$1.25, 100 \$10.00.**

**BICOLORE.** Large flowers of bright rosy salmon with the exception of the lower petals, which are ivory white suffused with rose at the edges. **Each 30c., doz. \$3.00.**

**Bird of Paradise.** Bright salmon pink, suffused and spotted with a deeper tint, lower petals with a blotch of creamy white, penciled with rich pink. Flowers large; spike tall and straight. **Each 50c., doz. \$5.00.**

**Blue Jay.** (True.) Bright, light blue with white shadings; a strong grower, large flowers, often 5 ft. high. **Each 60c., doz. \$6.00.**

**BRENCHLEYENSIS.** This is an old standard sort, and one of the best for bedding where one shade of good scarlet is desired. Large bulbs. **Each 6c., doz. 60c., 100 \$4.75.**

**BRILLIANT.** Beautiful orange red, with carmine and white throat. **Each 12c., doz. \$1.25, 100 \$9.50.**

**CANARY BIRD.** Without doubt a fine yellow, a pure canary shade that is pleasing and attractive. **Each 15c., doz. \$1.50, 100 \$10.00.**

**CARDINAL KING.** (Kunderd.) Cherry red of a rich, deep tint, with a blotch of still deeper tint on the lower petals. Flowers of medium size, but of a graceful form. Four to six out at one time. **Each 50c., doz. \$5.00.**

**Charmer.** Large, broad-petaled flowers of soft mauve pink blending off lighter in the throat, which is penciled carmine lake with a large blotch of same color on the central lower petal. **Each 20c., doz. \$2.00.**



Bicolore



**Chicago White.** Pure white, with lavender markings in throat. Each 10c., doz. \$1.00.

**COMMANDANT DELONCLE.** Splendid spikes with large rounded flowers of violet crimson and marked with a distinct white line. Each 25c., doz. \$2.50.

**Contrast.** Flowers of great substance and a beautiful compact spikes of perfect form; color intense scarlet with a large distinct pure white center which is neither tinted nor mottled. A most striking novelty. Each 50c., doz. \$5.00.

**CRACKER-JACK.** Large flowers of rich velvety dark red, throat spotted with yellow and dark maroon; a most beautiful variety. Each 10c., doz. \$1.00.

**CRYSTAL WHITE.** White with faint marking. Each 10c., doz. \$1.00.

**CURT ENGLEHART.** Golden rose, crimson red shaded carmine, with a snow white blotch, with great variety of colors; a superb flower. Each \$1.00.

**DAISY BAND.** Ivory white ground, suffused rosy pink, lower petal blotched buff penciled with pink. Each 25c., doz. \$2.50.

**Dawn.** Strong, straight and vigorous plant over four feet high. Flowers large, of a delicate salmon shading to white inside when bloomed, a small claret stain in interior petals. Each 75c., doz. \$8.00.

**DAZZLER.** Flowers of vivid salmon scarlet, marked in throat with a deep orange red with carmine lake stripes; fine long spike, well filled. Each 50c., doz. \$5.00.

**DORA KEAIS.** A much improved yellow; color sulphur yellow with dark carmine spots; flowers very large and open; this was much admired last year when exhibited. Each 20c., doz. \$2.00.

**Dream.** (Kunderd.) Large, massive bloom. Deep salmon red. Large, very showy blotches. Extra grand. Each 50c., Doz. \$5.00.

**EMPRESS OF INDIA.** Rich, deep crimson red, velvety texture, very choice and an erect grower. Each 10c., doz. \$1.00, 100 \$7.50.

**E. J. Shaylor.** (Kunderd.) Tall, very strong plant and large blooms. A beautiful, pure, deep rose-pink. Very choice. Each 50c., doz. \$5.00.



Dawn



Gladiolus, Europa

**EUGENE SCRIBE.** Medium sized, well-opened flowers; tender rose, blazed carmine red. Each 8c., doz. 75c., 100 \$6.00.

**Europa.** The finest pure white Gladiolus. This new variety is of perfect form, produced on strong, stiff, tall spikes, usually bearing from 20 to 25 pure white blooms. The flowers open very rapidly and it is not uncommon to have from ten to twelve of these open at the same time; the formation is very close and compact, making a perfect spike from the time when the first bud opens until the last. Each 20c., doz. \$2.25, 100 \$17.50.

**Fascinator.** Magnificent large flowers of salmon pink tinted with flame of carmine, throat blush with lake pencillings, strong, stiff stems, well filled spike; flowers of good substance. Each 20c., doz. \$2.00.

**FAUST.** Color a deep velvety crimson; blooms are large and well arranged. Each 10c., doz. \$1.00, 100 \$7.00.

**Frau Gustav Cless.** Blood-red, striped white on lower petals, dark, extra fine. Each \$1.00.

**GENERAL JOFFRE.** Very dense spike, large, well rounded flowers, orange flamed with purplish-red and edged with slaty-violet; blotch sulphur yellow. Each \$1.50.





Lafayette

**GOLIATH.** Dark wine color, extremely fine. Each 15c., doz. \$1.50.

**GORGEOUS.** Immense flowers of vivid scarlet, with large, strongly contrasting silvery white throat, blotch on the lower petals; tall, well filled spike. Each 20c., doz. \$2.00.

**GOV. HANLEY.** Rich cardinal, a little deeper in the throat; flowers medium size; four to six out at one time. A fine sort for cutting. Each 15c., doz. \$1.50.

**Halley.** Delicate salmon pink predominates with a slight rosy tinge, lower petals have a creamy blotch with a bright red stripe in center. Each 10c., doz. \$1.00.

**Hasenburg.** Dark purple violet, a quite pure and bright color, producing a well developed, strong spike. Each 50c., doz. \$5.00.

**IDA VAN.** A most beautiful deep salmon red or flaming orange pink. Very rich brilliant color. Each 15c., doz. \$1.50.

**INDEPENDENCE.** One of the best for cutting. Spikes are long and sturdy, bearing its large, wax-like flowers of brilliant rose pink with a richly marked throat. Each 10c., doz. \$1.00, 100 \$8.00.

**JEAN DIEULAFOY.** Flowers creamy white, lower petals stained maroon. Each 15c., doz. \$1.50, 100 \$12.00.

**Kuderdi Glory.** Color delicate cream pink, each lower petal having an attractive crimson stripe through the center, each petal being ruffled and fluted. Each 20c., doz. \$2.00.

**LAFAYETTE.** Creamy blush, with rosy purple throat; set thickly on the stem; good size. Each 20c., doz. \$2.00.

**LA LORRAINE.** Immense flowers of a very bright salmomy red; blotch dark purple red, strongly bordered with bright yellow. Each 35c., doz. \$3.50.

**GENERAL DE NANSOUTY.** Rich bluish purple, with throat and three lower petals marked with strong, vivid crimson and flecked slightly with spots of lemon yellow; flower stalk is long, bearing 18 to 20 buds, half of which are open at the same time. Each 75c., doz. \$7.50.

**George Paul.** (Harvard.) The color is a rich velvety maroon, slightly flushed dark scarlet; the flowers are truly gigantic; from 8 to 15 gigantic flowers and buds appear on one stem; 6 to 10 open flowers usually appear at the same time. Each 15c., doz. \$1.50, 100 \$10.00.

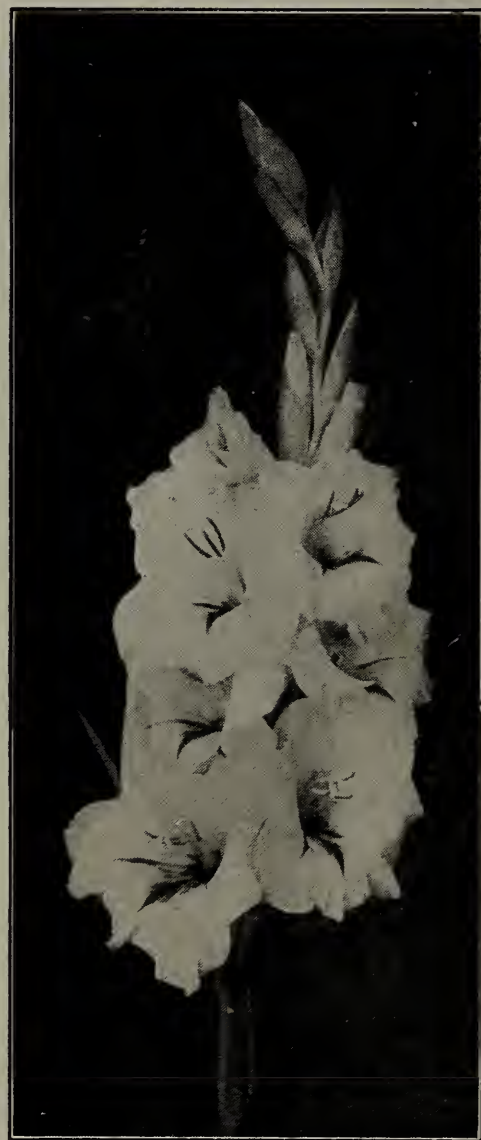
**Giant Fawn.** (Kunderd.) Very large, deep fawn yellow, faintly blush-pink bordered. Beautiful red line in throat. An extra large yellow. Each 50c., doz. \$5.00.

**Golden Gate.** (Kunderd.) Tall, vigorous. Large, showy yellow, finely ruffled. Each 35c., doz. \$3.50.

**GLORY OF HOLLAND.** (Albion.) A very fine white sort, usually having two spikes of flowers on one bulb. Each 10c., doz. \$1.00, 100 \$7.50.

**Golden Glory.** (Kunderd.) A large, richly colored yellow, with beautiful throat. A fine ruffled yellow. Each 75c., doz. \$7.50.

**Golden West.** One of the best exhibition varieties on account of the variety of markings, the color being a clear orange scarlet, the lower petals striped and blotched with golden yellow faintly suffused with violet shadings. The individual flowers are of large size and seem to stand out boldly, making it very noticeable among any collection. Each 15c., doz. \$1.50.



Kunderdi Glory



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12 and 13 Faneuil Hall Square

*SPECIAL: Add 10 cents (60c. in all) and get latest "Poor Richard Almanac," full of wit and wisdom for all.*





Mrs. Watt

**Lapageria.** Brilliant deep pink, shading to flesh toward the center; an original form of flower resembling that of a Lapageria.

Each 75c., doz. \$7.50.

**Liebesfeur.** A very fine flower of a beautiful brilliant scarlet. This variety has received many Awards of Merit and first class certificates.

Each 25c., doz. \$2.50.

**LILLEY.** Giant flowers; color a combination of flesh pink, intershaded with soft rose.

Each 20c., doz. \$2.00.

**Loveliness.** Flowers very large and open on a long spike, well placed. Color of a clear creamy white, slightly suffused, apricot in the throat.

Each 20c., doz. \$1.75, 100 \$14.00.

**MARY FENNEL.** (Kunderd.) Deep lavender shading to a paler tint; lower petals primrose-yellow with penciling of lavender.

Each 20c., doz. \$2.00.

**MARY PICKFORD.** (Kunderd.) An extraordinary flower and spike of most delicate creamy white. Throat of same tint. Stem and calix also white. Worthy of a great name.

Each \$1.50.

**MRS. DR. NORTON.** Very large and well open flowers, well set on a tall and graceful spike, four to eight flowers in bloom at one time. Color white, the edges suffused with soft La France pink. The three lower petals have a blotch of sulphur yellow, stained at the base with fine specks of Tyrian pink. Strong and vigorous grower, and very free flowering.

Each \$1.00.

**MEPHISTOPHELES.** Flowers of large size, dark red, stained with black and yellow; very attractive.

Each 25c., doz. \$2.50, 100 \$18.00.

**MRS. L. MERTON GAGE.** (Kunderd.) Glistening white, with an occasional suffusion of delicate pink; lower petals bear a dainty stippling of rose pink, anthers purplish blue. Flowers of good size and graceful form. Spike straight and strong; blooms early.

Each 25c., doz. \$2.50.

**MRS. BEECHER.** Brilliant, deep rosy crimson. Large, well opened flower, with white throat freely marked.

Each 10c., doz. \$1.00

**MRS. A. E. KUNDERD.** White, slightly suffused with pink and with fine red lines in the throat. Flowers large, well formed and of good substance.

Each 15c., doz. \$1.50.

**Mrs. Francis King.** A new variety which excited great comment and admiration, both for size of flower and beauty; the color of the flower is a light scarlet; the flowers are very large, usually measuring from 2½ to 4 inches in diameter.

Each 7c., doz. 75c., 100 \$6.00.

**Mrs. Frank Pendleton.** The finest Gladiolus of the present time. In color it is the most exquisite salmon pink with a very conspicuous blood-red blotch in the throat on the lower petals. It is without doubt one of the strongest growing varieties in existence, attaining a height from four to six feet. The foliage is exceptionally broad and of a beautiful deep green color.

Each 20c., doz. \$2.00.

**MRS. G. W. MOULTON.** Rich dark red, slightly darker in the throat.

Each 25c., doz. \$2.50.

**Mrs. Watt.** Brilliant wine, having no markings of other shades. White, closely resembling Hadley Rose, is of a more lively tone, and withal is a Gladiolus of greatest refinement. Flowers are correctly placed on a very stout stalk with many open at one time; mid-season to late bloomer.

Each 15c., doz. \$1.50, 100 \$12.00.



Myrtle



**Myrtle.** Awarded silver medal by the Massachusetts Horticultural Society. Delicate rose pink. One of the most beautiful soft pink colors of recent introduction. Flower extra size and fine form. **Each 20c., doz. \$2.00.**

**Negerfurst.** Dark blood-red, slightly flaked black; an improved Cracker-Jack. A very odd, beautiful color, with long, graceful and robust spikes. One of the choicest dark varieties. **Each 30c., doz. \$3.00.**

**NEWPORT.** Salmon rose, exceedingly soft and pleasing, with large white center, wide flower and good spike. **Each 40c., doz. \$4.00.**

**Niagara.** In type the variety resembles America, but the flowers appear to be somewhat larger, measuring  $4\frac{1}{2}$  inches across. In color the flowers are a delightful cream shade with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. The stamens are purple and the stigmas pale carmine, this little addition in the coloring relieving the creamy effect of the petals. **Each 12c., doz. \$1.25, 100 \$10.00.**

**OCTOROON.** A beautiful salmon pink; very distinct. This variety is very scarce. **Each 25c., doz. \$2.50, 100 \$18.00.**

**ORION.** Pink rose, with dark blotch, large flower; a splendid novelty. **Each 10c., doz. \$1.00, 100 \$6.00.**

**Orange Glory.** (Kunderdi Glory type.) Grand orange colored, with beautiful lighter throat. Very rich and striking color. Beautiful and distinct. **Each 50c., doz. \$5.00.**



Orange Glory

**Panama.** An excellent variety and a great improvement on the original variety, America; it is a somewhat deeper pink and a very beautiful sort. Spikes are long, flowers large and well arranged. **Each 15c., doz. \$1.50, 100 \$10.00.**

**Patrie.** Splendid spike, long and strong stem, with very large well opened flowers of deep rose, suffused violet center of petal straw color; white band in middle of upper petals. **Each 40c., doz. \$4.00.**

**PEACE.** The flowers are a beautiful white, the inferior petals feathered pale lilac; it is not an early bloomer, but if planted with other varieties will flower about the time they are finished. **Each 12c., doz. \$1.25, 100 \$10.00.**

**Pink Lady.** A magnificently ruffled rose pink. **Each \$1.00.**

**PINK PERFECTION.** Very large blooms of fine form; long spikes, of a beautiful shade of apple blossom pink, similar in color to Carnation Enchantress. **Each 20c., doz. \$2.00, 100, \$16.00.**

**PRESIDENT ROOSEVELT.** Tall spikes, large flowers of cherry rose color with crimson blotch on white ground. **Each 25c., doz. \$2.50.**

**Primulinus Hybrids.** Delicate self colors. The colors are the most pleasing on account of their delicacy, slenderness and peculiar form. The petals are quite thin, making the veining very prominent, while the colors which are mostly self vary from pale yellow to bright orange salmon, apricot and light scarlet. These graceful flowers are of medium size, with the upper segments somewhat drooped, making a quite distinct hooded form. **Doz. 60c., 100 \$4.50.**

**PRINCE OF WALES.** Delicate salmon rose of great value. **Each 25c., doz. \$2.50.**

**Principine.** Brilliant red with pinkish white blotch, large well expanded flower of good substance. **Each 15c., doz. \$1.50, 100 \$10.00.**

**PRINCEPS.** Amaryllis-like Gladiolus. Color is a rich crimson, with very deep shading in the throat and broad blotches on the lower petals; the individual flowers are usually  $5\frac{1}{2}$  inches in diameter. Usually three flowers expand fully at one time, while the spike will produce from 12 to 15 flowers. **Each 15c., doz. \$1.50, 100 \$10.00.**

**Purple Glory.** The Giant of the Kunderdi Glory race, and of remarkable color. Deepest velvety maroon red, with almost black blotches, like burned into the petals. Beautifully ruffled. **Each \$2.00.**

**RADIANCE.** A grand, big pink; immense flowers of a charming tone of rose pink, slightly framed with deeper lake pink; splendidly filled "stand up" spike. **Each 40c., doz. \$4.25.**

**Red Amaryllis.** (Kunderd.) Brilliant blood red flower of giant size on medium height plant. Blooms formed like an Amaryllis. A most gorgeous and showy red. Was awarded First for best red at the Society of American Florists' Convention, American Gladiolus Society Show, Boston. **Each 25c., doz. \$2.50.**

**REINE BLANCHE.** With the exception of a very small purple stripe at the base of the throat, the flower is of a glistening white color, turning into blush toward the end of the flowering stage. **Each 20c., doz. \$2.00, 100 \$15.00.**

**ROSE.** (Kunderd.) Very large flower, pure rose pink of extra fine shade. Narrow white central line on lower petals. **Each 20c., doz. \$2.00.**

**ROSELLA.** (Kathryn.) Large, well opened flower, light rose, stained purple and white. **Each 25c., doz. \$2.75, 100 \$20.00.**



**Rose Glory.** A very large and beautifully ruffled variety. Pure rose-pink color. Deeper in throat. Extra fine. **Each 75c., doz. \$7.50.**

**Sans Pareil.** Color a very bright orange rose, slightly striped with vermillion, large white blotch; its immense flowers varying from four to five inches in diameter. **Each \$1.00.**

**Schwaben.** The flowers are of a pure canary yellow, shading to a sort of sulphur yellow when opening; the golden yellow center is blotched with a brilliant brownish carmine. Flowers open six to eight at one time. About twenty finely-formed flowers are produced on extremely strong stalks. The foliage is large and vigorous, of a beautiful dark green, which, combined with the brilliant sulphur-colored flowers, makes it very effective for groups and beds. **Each 20c., doz. \$2.00, 100 \$15.00.**

**SENATOR VOLLAND.** Large flowers; pure blue, dark violet blotch with a yellow strain, striped blue. **Each 40c., doz. \$4.00.**



Schwaben

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White Glory

**Sulphur King.** The most valuable yellow variety in general use. It produces a very long spike of beautiful clear sulphur yellow; the finest and purest yellow sort. **Each 25c., doz. \$2.50.**

**Summer Beauty.** (Kunderd). No finer pink in existence than this superb variety, color a distinct shade of deep salmon, quite tall and very showy. **Each 25c., doz. \$2.75.**

**VIOLA.** A very large flower of exquisite deep violet blue, gradually shading deeper at the edges, throat having purple garnet blotch, edged soft canary yellow. **Each 30c., doz. \$3.25.**

**WAR.** Deep blood red, large flowers. **Each 10c., doz. \$1.00.**

**White Glory.** (Kunderd). A gorgeous pure white of the exact size and type as Kunderd Glory, with its beautiful iris blue throat. Fine as a delicate iris. **Each 35c., doz. \$3.50.**

**WILLY WIGMAN.** (First-class certificate.) Creamy white, scarlet blotched, extra large bloom. **Each 10c., doz. \$1.00.**

**YOUELL'S FAVORITE.** (Kunderd.) One of the favorites among ruffled varieties. Large flower and plant. Striking rosy lavender pink. Conspicuous and fine. **Each 20c., Doz. \$2.00.**



# DAHLIAS

## NEW AND STANDARD VARIETIES

We offer in our grand collection the latest varieties obtainable, as well as all the best standard kinds. We have discarded many of the inferior sorts for those of the same color which have longer or stronger stems, making them more suitable for cutting; or those of good habits, such as height, growth, foliage and keeping quality. Our list contains such varieties as have been well tried and have given excellent results. Dahlia Bulbs are delivered to any Post Office in the United States at prices offered on the following pages. Place your orders early to insure getting your order filled complete. Quantity of a few kinds is somewhat limited.

Circular with instructions for Dahlias sent on application.



## COLLECTIONS FOR 1921

Purchasers not fully acquainted with the qualities of the many Dahlias now in cultivation, but desiring inexpensive, choice, reliable and well varied collections, can do better by ordering our collections. They are of fine habit, wonderfully floriferous, and when large flowers on long stems are desired for garden decoration and cutting, we can highly recommend them.

For collection of special types, see heading of type required.

In the following collections we reserve the right to substitute equal valued varieties should our stock of any sort become exhausted as season advances.

### BOSTON NOVELTY COLLECTION

Comprises the best and latest varieties in cultivation. We have not had sufficient stock in previous seasons to offer any of these sorts in a collection. For a complete description of the varieties we refer to each as individually listed under the special types.

**Becket.** (Cactus.) Color rose and white.  
**Constance.** (Cactus.) Rosy pink.  
**Kalif.** (Cactus.) Scarlet.  
**Bessie Boston.** (Dec.) Ruby crimson.  
**Santa Cruz.** (Dec.) Yellow.  
**Freedom.** (Dec.) Crimson.

**Mrs. H. E. Fiske.** (Pæony.) White.  
**Painted Lady.** (Pæony.) Pale rose.  
**Copper.** (Pæony.) Copper and bronze.  
**Miss Helen Hollis.** (Show.) Deep scarlet.  
**Mina Burgle.** (Dec.) Scarlet.  
**Achievement.** (Collarette.) Maroon and white.

Price, 12 varieties, \$10.00.

### SPECIAL COLLECTION (all types)

We recommend this collection with every confidence, the varieties being the very cream of the large number of novelties in the different types of Dahlias and a considerable advance on previously existing sorts.

**Geo. Walters.** (Cactus.) Pink, suffused old gold.  
**Mrs. Warnaar.** (Cactus.) White, shaded pink.  
**Bull Moose.** (Dec.) Strawberry color.  
**Hortulanus Fiet.** (Dec.) Salmon and yellow.  
**Gov. Guild.** (Show.) Pure white.  
**Vivian.** (Show.) White, edged rose violet.

**Dreer's White.** (Show.) Pure white.  
**Eveque.** (Pæony.) Deep purple.  
**Geisha.** (Pæony.) Scarlet and yellow.  
**J. C. Ide.** (Pæony.) Rosy purple.  
**Maurice Rivoire.** (Collarette.) Crimson and white.  
**Somersworth.** (Single.) Scarlet and gold.

Special Collection of the Above 12 varieties, \$5.00.

### THE FOTTLER, FISKE, RAWSON "ALL STAR" COLLECTION

Containing 12 varieties of Dahlias comprising 4 Cactus, 4 Decorative, 4 Pæony Flowered; our selection, each variety labeled; no two alike.

Price, \$1.50.



# CACTUS DAHLIAS

## Collections—Cactus Type

Antelope. Yellow, suffused bronzy red.  
 Countess of Lonsdale. Salmon.  
 Dr. G. G. Gray. Crimson scarlet.  
 Ethel Yeatman. Pink.  
 Falcon. Maroon.  
 Libelle. Deep rose-magenta.

Kriemhilde. Pink and white.  
 Harbour Light. Orange red.  
 Mrs. J. Emberson. Pale lemon, speckled rosy pink.  
 Schone Else. Pure white, tinted rose.  
 T. G. Baker. Yellow.  
 Undine. Lilac pink and white.

Collection of the above 12 varieties \$2.00.]

Collection of 25 varieties (including the above and additional varieties) \$3.75.

Amos Perry. Bright scarlet.  
 Blumenregen. Purple.  
 Das Marchen. Pink.

Falcon. Maroon.  
 Kriemhilde. Pink and white.  
 Royal Scarlet. Pure scarlet.

The above collection of 6 varieties for \$1.00.

No. 52 **Advance.** An ideal exhibition flower; no larger scarlet Cactus is known; created a sensation in England. 5 ft.

Each 35c., doz. \$3.50.

90 **ALEXANDER.** A grand, dark crimson flower, flushed with maroon; petals of the finest quality, perfect center and splendid habits of growth. 5 ft.

Each 25c. doz. \$2.50.

120 **Alight.** Rich fiery orange, center of deep orange; most refined full flower; long stiff stems well above foliage; very early and free-blooming. 5 ft.

Each 25c., doz. \$2.50.

150 **Alice B. Rand.** New incurved Cactus seedling. An exquisite shade of rose, much deeper than Tyrian rose, passing to a deeper shade at the tips. The flowers are perfectly formed and of moderately incurved shape. The plants are of good height and produce their blooms on long wiry stems. This new creation received an Honorable Mention at the September, 1919 exhibition of the Massachusetts Horticultural Society at Boston, Mass.

Each \$3.00.

160 **AMAZON.** Very large flowers, of perfect form, purple-violet. 4½ ft.

Each 25c., doz. \$2.50.

220 **AMOS PERRY.** Bright scarlet flowers on long stems, and carries its flowers way above the foliage; very free. 3 ft.

Each 25c., doz. \$2.50.

270 **ANTELOPE.** Rich yellow, suffused bronzy red; good habit and free bloomer. 4 ft.

Each 25c., doz. \$2.50.

370 **ARMINSTEIN.** The pure white flowers appear in great abundance; petals are twisted and regular. 3½ ft.

Each 25c., doz. \$2.50.

500 **Becket.** A valuable addition to the Cactus class. The plants are tall and sturdy with exceptionally good flower stems and produce the blooms freely. The color is a delicate shade between deep, mallow purple and clear rose blending to white at the center. The flowers are large with long, slender petals slightly incurved. A fine flower for either garden or exhibition.

Each \$1.00.

620 **BLUTENREGEN.** The name implies a shower of bloom; this is true; quite early it begins to throw up a multitude of purplish red blooms and simply exhausts itself in blooming, but not before frost appears. 4 ft.

Each 25c., doz. \$2.50.

665 **BRIGADIER.** Rich crimson scarlet; long petals, beautifully incurved; early and free. 3½ ft.

Each 25c., doz. \$2.50.

720 **BUTTERFLY.** Most attractive on account of coloring; chocolate crimson, distinctly tipped white; excellent form; large flower. 3 ft.

Each 25c., doz. \$2.50.

775 **CHAS. H. CURTIS.** Rich scarlet-crimson in color, with a large, full and strikingly incurved flower. 5 ft.

Each 25c., doz. \$2.50.

790 **CHATERS MATHERS.** A splendid Dahlia of medium dwarf growth but bearing flowers of enormous size; soft yellow shaded orange. 3 ft.

Each 25c., doz. \$2.50.



Brigadier

No.

850 **Constance.** A very attractive rich rosy pink. The flower is large, very full and deep, fine center, long petals, moderately and regularly incurved. The plants are strong and with erect habit.

Each, \$2.00.

890 **COMEDY.** Sunflower yellow, striped and spotted orange red; the florets are long and narrow, and the flowers are freely produced on good stems. 3 ft.

Each 25c., doz. \$2.50.

1000 **Countess of Lonsdale.** For perfection of bloom, size and erectness of stem, abundance of flowers and general use as a garden flower, this variety has always given excellent satisfaction. It is undoubtedly the most profuse bloomer offered. The color is a rich salmon, tinted apricot. 3 ft.

Each 35c., doz. \$3.50.

1040 **CREPUSCULE.** Pale orange yellow, the outer petals deepening to deep amber buff; refined flower of beautiful shape; large, extremely early and very free blooming. 4 ft.

Each 25c., doz. \$2.50.



- No.  
1065 **Cynthia.** Old gold, shaded pale red, with center and tips bright yellow; a grand exhibition flower. 3 ft. **Each 25c., doz. \$2.50.**
- 1100 **DAS MARCHEN.** Exquisite pink, with greenish yellow at the center; petals rather broad and thick; good for exhibition. 4 ft. **Each 25c., doz. \$2.50.**
- 1175 **DESDEMONA.** Half of petals canary yellow, other half near tip of purest white; flowers large on extra long stems and produced in greatest profusion. 3 ft. **Each 25c., doz. \$2.50.**
- 1190 **DIBS.** A bright shade of rose pink, each petal tipped old gold; borne on long stiff stems and very free. 4 ft. **Each 25c., doz. \$2.50.**
- 1235 **DORNROSCHEN.** A splendid Dahlia for the garden as the plant is always covered with flowers borne on wiry stems; color is variable; some are unicolored red, and others rose with white tips. 4 ft. **Each 25c., doz. \$2.50.**



Francis White

- 1247 **Dr. G. G. Gray.** The narrow needle-pointed florets of this variety will curve and intermingle, forming blooms of great beauty. A self-color of a fiery, crimson scarlet. 5 ft. **Each 35c., doz. \$3.50.**
- 1295 **EDITH CARTER.** Yellow heavily suffused bright rosy-carmine; medium-sized refined flower; good erect habit. 4 ft. **Each 50c., doz. \$5.00.**
- 1400 **Emblem.** Flowers carried well above foliage; color in center of deep primrose, changing toward the points of the petals to a clear rose pink. 5 ft. **Each 50c., doz. \$5.00.**
- 1420 **EMPRESS OF AUSTRIA.** Brilliant rich crimson maroon; very large exhibition flower, with elegant fluted petals. 4 ft. **Each 25c., doz. \$2.50.**
- 1485 **Etendard de Lyon.** (New Introduction). An American type of Cactus, of perfect form. The petals are broad, curled and wavy, and form a flower of immense size. The color is a rich carmine rose, a most exquisite shade; one of the finest sorts for garden effect. 5 ft. **Each \$1.00, doz. \$10.00.**

- No.  
1490 **ETHEL YEATMAN.** Shell pink with a salmon-colored center; flower of good size and freely produced. 4 ft. **Each 25c., doz. \$2.50.**
- 1530 **ETOILE DE NEUVILLE.** Brilliant Chestnut red, shaded orange toward center; height 2 to 2½ ft. **Each 25c., doz. \$2.50.**
- 1540 **ETRURIA.** A most beautiful exhibition Cactus, of a reddish, russety apricot; a vase with Autumn Oak foliage and this flower makes a wonderful effective combination. 5 ft. **Each 25c., doz. \$2.50.**
- 1570 **Eureka** Rich velvety, violet-crimson to dusky purple in center; large blooms. 3½ ft. **Each 25c., doz. \$2.50.**
- 1575 **EVENING STAR.** Bright terra cotta at point of petals, center gold suffused into deeper color toward the upper portion of petals, florets long and pointed and arranged star-shaped. **Each 25c., doz. \$2.50.**
- 1580 **Excelsior** This is one of the most refined and beautiful varieties. The florets are long, and extremely narrow and every bloom comes perfect. Color deep shade of orange. Fine for exhibition. 4 ft. **Each 35c., doz. \$3.50.**
- 1607 **FALCON.** A beautiful dark maroon; fine long straight petaled flower; a fine dark sort; the color resembling J. H. Jackson, with much finer petals. 4 ft. **Each 25c., doz. \$2.50.**
- 1660 **F. H. CHAPMAN.** A lovely blending of colors; yellow, shaded with deep orange; very bright and effective. 4 ft. **Each 25c., doz. \$2.50.**
- 1705 **FLAME.** Orange scarlet; florets are long and twisted; flower is carried on a good stem. 4 ft. **Each 25c., doz. \$2.50.**
- 1710 **Flieder.** A very large perfect flower, with an entirely new shade, soft lilac. 4 ft. **Each 25c., doz. \$2.50.**
- 1720 **FLORADORA.** Wine crimson, splendid shaped flowers, on long wire stems, well above the foliage. 4 ft. **Each 25c., doz. \$2.50.**
- 1740 **FLORENCE M. STREDWICK.** The flowers are large and of splendid shape; a very fine pure white variety. **Each 25c., doz. \$2.50.**
- 1750 **Francis White.** (New introduction). A charming white variety quite distinct and free flowering, the florets curling and twisting, giving a novel effect. 5 ft. **Each 75c., doz. \$7.50.**
- 1770 **Frederick Wenham.** In form the flowers are partially incurved, but the florets are also irregularly whorled and twisted, giving the flower a most graceful appearance. The whole of the buds on the main stems may be left, as side buds produce flowers quite large enough for exhibition. Color warm fawn-pink, with soft salmon at the center. 5 ft. **Each 50c., doz. \$5.00.**
- 1830 **F. W. Fellows.** Flowers are extra large on very long stems, and remarkably constant. Color orange scarlet with long straight florets. 5 ft. **Each 75c., doz. \$7.50.**
- 1890 **George Walters.** The largest Cactus Dahlia in existence; wonderful coloring of bright pink suffused with old gold. The enormous flowers are borne on long stems well above the foliage. 5 ft. **Ea. \$1.50.**
- 2055 **Glory of Wilts.** The finest yellow Cactus Dahlia; beautiful, bright, clear yellow of large size and very free. 5 ft. **Each 25c., doz. \$2.50.**
- 2070 **GOLDFASON.** A beautifully formed Cactus Dahlia; petals arranged in perfect regularity; color a light apricot. 4 ft. **Each 25c., doz. \$2.50.**
- 2100 **Golden Eagle** Bright yellow with suffusion of rose and fawn which deepen toward the tips; the habit is perfect with strong, erect stems. 5 ft. **Each 35c., doz. \$3.50.**
- 2105 **GOLDREGEN.** One of the freest blooming Dahlias of a deep golden color; of splendid form. 3½ ft. **Each 25c., doz. \$2.50.**
- 2155 **Graphic.** Quite a distinct new sort, flowers of medium size, petals beautifully incurved. The color a very dark purple, distinctly tipped with white, making one of the most attractive varieties ever offered. 3 ft. **Each 50c., doz. \$5.00.**



- No.  
2180 **GRENADIER.** Extremely free blooming. Plants are dwarf and compact and do not require staking; color orange pink, with a faint suspicion of bluish shading at tips of the petals. 3½ ft.  
Each 25c., doz. \$2.50.
- 2230 **HARBOUR LIGHT.** Color vivid orange red, shading off to flame at the point; very free and distinct. 4 ft.  
Each 25c., doz. \$2.50.
- 2270 **HARZER KIND.** Height 24 inches, very effective; plants when fully developed appear like huge balls completely enveloped by the pink flowers which appear incessantly from early until late.  
Each 25c., doz. \$2.50.
- 2280 **Havel.** Absolutely distinct in formation of flower, resembling very much a pond lily. Even the petals are of the same make-up. Color a clear salmon with a more brilliant colored center.  
Each 35c., doz. \$3.50.
- 2415 **H. H. Thomas.** A free bloomer, long straight stems and a beautiful well formed flower of a rich deep crimson with long incurving petals. 4 ft.  
Each 25c., doz. \$2.50.
- 2480 **H. SHOESMITH.** Crimson scarlet; one of the narrowest petaled Dahlias in existence; very free and center always good. 3 ft.  
Each 25c., doz. \$2.50.
- 2585 **IOLANTHE.** The plants have a wiry, erect habit and flower with the utmost freedom; color deep coral red, every floret distinctly tipped with gold. 3 ft.  
Each 25c., doz. \$2.50.
- 2670 **J. B. RIDING.** A fine exhibition variety; the petals are very long, narrow, full and beautifully incurved, forming a flower of the highest quality; color is a rich yellow at base of petals, shading to a deep orange, tinged with apricot. 4 ft.  
Each 25c., doz. \$2.50.



Goldregen



Glory of Wilts

- No.  
2675 **John Riding.** (New introduction). A rich deep crimson with large incurved blooms of the finest form, borne on long stems. One of the largest Cactus varieties.  
Each 75c., doz. \$7.50.
- 2750 **J. H. Jackson.** The finest dark Cactus Dahlia, brilliant crimson maroon; perfect flowers with long, narrow pointed florets.  
Each 25c., doz. \$2.50.
- 2800 **Kalif.** A truly majestic flower frequently measuring over nine inches in diameter. The flower is of perfect Hybrid Cactus form, and in color a beautiful pure glowing scarlet. The gigantic flowers which are produced freely, are held erect on strong stems of wiry stiffness, making it a most effective and useful variety for cutting as well as for garden decoration.  
Each 75c., Doz. \$7.50.
- 2870 **Kathleen Bryant.** Deep, rich velvety crimson flowers; good form, large center. 3 ft.  
Each 25c., doz. \$2.50.
- 2980 **KRIEMHILDE.** Color delicate pink, shading to white in the center; a fine variety for cutting, with good keeping qualities. 3½ ft.  
Each 20c.; doz. \$2.00.
- 3040 **LAVERSTOCK BEAUTY.** Soft vermillion scarlet. 4 ft.  
Each 25c., doz. \$2.50.
- 3050 **Lawine.** Color pure white. The loosely formed flowers of great size completely hide the foliage of the entire plant. 4 ft.  
Each 25c., doz. \$2.50.
- 3090 **LIBELLE.** A striking variety; color a deep rose magenta; very free flowering. 3 ft.  
Each 25c., doz. \$2.50.
- 3130 **LORD OF THE MANOR.** Fiery scarlet, base golden yellow; free bloomer. 4 ft.  
Each 25c., doz. \$2.50.



- No. 3170 **Lovely Eynsford.** Lovely amber colored; a distinct and striking color; very bright and effective. 4 ft.  
Each 25c., doz. \$2.50.
- 3210 **Lucifer.** The largest bronze colored Cactus Dahlia; a perfect monster in size, free blooming, splendid for exhibition. 5 ft.  
Each 50c., doz. \$5.00.
- 3230 **LUSTRE.** Scarlet-vermilion to crimson in center a good all-around variety. 3½ ft.  
Each 25c., doz. \$2.50.
- 3350 **Mme. Henry Cayeux.** The long narrow petals are beautifully arranged and form a most exquisite flower; the color a bright pink, with white tip of enormous size. 4 ft.  
Each 50c., doz. \$5.00.
- 3430 **MAGPIE.** Rich maroon heavily tipped with white; constant and free blooming. 3 ft.  
Each 25c., doz. \$2.50.
- 3437 **Magnet.** Pinkish white with a conspicuous amethyst shading toward the tips of petals. 5 ft.  
Each 25c., doz. \$2.50.
- 3485 **Marblehead.** The form and color are original and distinct. The gigantic blooms which easily measure 7 inches in diameter are a soft scarlet. 4 ft.  
Each 25c., doz. \$2.50.
- 3500 **Margaret Bouchon.** The plant has deep green foliage, and throws the flowers far above on stout stems; the form is perfect; color a magnificent shade of brilliant rose with very large white center and defined white tips.  
Each 75c., doz. \$7.50.
- 3570 **MASTER CARL.** A gigantic Dahlia of perfect form and bright amber color; immense petals of graceful curve.  
Each 35c., doz. \$3.50.
- 3725 **MODERN.** The color of this recent introduction is quite difficult to describe; it is fine lilac rose mixed with salmon pink, with center deep yellow. 3½ ft.  
Each 25c., doz. \$2.50.



Magnet



Lustre

- No. 3772 **M. Inman.** A magnificent orange scarlet with its many blooms making quite a dazzling effect. 4 ft.  
Each 25c., doz. 2.50.
- 3780 **Monarch.** A large and beautiful Cactus with claw-like, incurved petals; orange red, tipped with lavender, quite showy. 4 ft.  
Each 25c., doz. \$2.50.
- 3790 **MONT BLANC.** A pure white without the faintest tinge of green and of perfect form. Petals are long, narrow and slightly incurved. 4 ft.  
Each 25c., doz. \$2.50.
- 3820 **Mrs. Brandt.** The florets are exceptionally long and very evenly distributed, standing out like a circular array of spears, while the center is a picture of perfection. The coloring is most exquisite, a beautiful salmon buff blending to golden yellow at the center.  
Each \$1.00, doz. \$10.00.
- 3870 **MRS. CLINTON.** Deep orange yellow at base of petals, shading off to pale salmon red at points. 3½ ft.  
Each 25c., doz. \$2.50.
- 3880 **MRS. COZENS.** Fancy maroon, heavily tipped white florets; long incurved, making a lovely flower. 4 ft.  
Each 25c., doz. \$2.50.
- 3885 **Mrs. C. H. Breck.** Massive flowers showing well above foliage; carmine splashed and streaked, shades of white and yellow. 4 ft. Ea 50c.
- 3900 **MRS. DE LUCA.** Color beautiful rich shading of yellow and orange, a lovely blending of tints.  
Each 25c., doz. \$2.50.
- 3910 **Mrs. Douglas Fleming.** The finest white Cactus yet raised. The florets are exceedingly narrow, and so numerous that they make a most massive flower.  
Each 50c., doz. \$5.00.
- 3940 **MRS. F. Grinstead.** Deep rich crimson with just a suspicion of purple shading. Form of flower of the best incurved type. 3 ft.  
Each 25c., doz. \$2.50.
- 3950 **MRS. GEO. STEVENSON.** One of the best yellow Cactus flowers; large narrow petals; star-shaped 4 ft.  
Each 25c., doz. \$2.50.
- 3960 **MRS. H. J. JONES.** Scarlet, edged cream, heavily striped with white. 4 ft.  
Each 25c., doz. \$2.50.
- 3985 **Mrs. J. Emberson.** Pale lemon speckled rosy pink, the large blooms are incurved and made up of twisted florets. 4 ft.  
Each 25c., doz. \$2.50.



No.  
4050 **MRS. J. P. MACE.** The best and finest blush pink variety; its color is so delicate and pleasing

Each 25c., doz. \$2.50.

4140 **MRS. STRANACH GASKILL.** Lovely rose pink, with white reflex; a large and magnificent flower. 4 ft.

Each 25c., doz. \$2.50.

4147 **Mrs. Warnaar.** A wonderful Dahlia heralded from Holland and is one of the finest cut flower varieties in existence. This most fascinating variety appeals to every flower lover as a veritable sensation. The coloring is exquisite, being a delightful creamy white overlaid and blending to a charming shade of pink. The flowers are produced upon long stiff stems well above the foliage.

Each \$1.00, Doz. \$10.00.

4180 **NANTWICH.** The blooms, which are very large, are of a light bronzy orange, deeper towards the base of the flowers, which are slightly incurved. 5 ft. Each 75c., doz. \$7.50.

4210 **Nelson.** Deep rich crimson, shaded magenta; flowers of largest size, formed of numerous long twisted and interlacing florets. 4½ ft. Each 25c., doz. \$2.50.

4300 **NUBIAN.** A fine, very dark maroon variety of the color of J. H. Jackson, but of a more upright habit of flower stems. 3½ ft.

Each 25c., doz. \$2.50.

4340 **OLIVER TWIST.** A fine incurved variety; quite attractive; rich crimson scarlet; petals fine twisted. 4 ft.

Each 25c., doz. \$2.50.

4355 **Onward.** The florets being very narrow and so incurved and twisted and interlaced as to form an almost globular flower. The color is pink throughout, but of different shades graduating from tips to base. 4 ft. Each 50c., doz. \$5.00.



Richard Box



No.  
4385 **Othello.** Extremely early and free; flowers are borne on straight dark colored stems far above the foliage; color deep blood red. 4 ft. Each 25c., doz. \$2.50.

4410 **PERLE DE LYON.** Pure white; very free blooming and dwarf. 4 ft.

Each 35c., doz. \$3.50.

4435 **PERSEPHONE.** One of the finest garden Dahlias, for cutting in September and October; color creamy white. 4 ft.

Each 25c., doz. \$2.50.

4440 **Phineas.** Crimson scarlet, the base of the petals shaded orange; a large bold flower with long, brilliant colored petals. 4 ft.

Each 25c., Doz. \$2.50.

4450 **PINDAR.** The most free-flowering Cactus Dahlia of recent introduction. Flowers large, of a rich purplish violet color. 4 ft.

Each 25c., doz. \$2.50.

4460 **PINK PEARL.** Beautiful flesh pink, shading to white in the center. 4 ft.

Each 25c., doz. \$2.50.

4520 **Pride of Essex.** One of the most constant and reliable. The blooms are large and well formed, of a rich bright yellow shade. 3 ft. Each 35c., doz. \$3.50.

4685 **RED ADMIRAL.** One of the most brilliant Dahlias in existence, the color being a rich, fiery scarlet; blooms of the largest size, full in center. 5 ft. Each 35c., doz. \$3.50.

4690 **Redcoat.** Color a bright glowing scarlet. Plants of excellent habit, strong and robust, with long, strong stems standing well out. 5 ft. Each 50c., doz. \$5.00.

4740 **Rene Cayeux.** One of the best free-blooming Cactus Dahlias; the plants are literally covered with blooms from July until frost; the flowers are quite large, of a beautiful ruby crimson. 3 ft. Each 35c., doz. \$3.50.

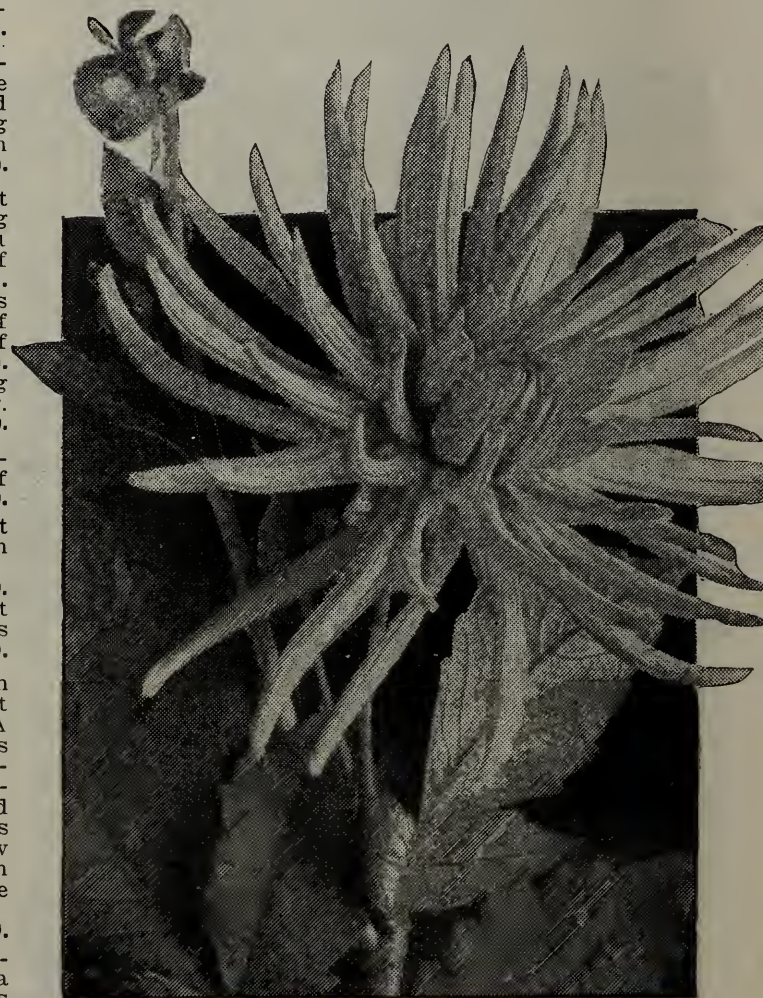




Phineas

- No.  
4805 **REV. T. W. JAMIESON.** Large flowers on upright rigid stems; blooms incurved toward center; color yellow changing to lilac rose, the older florets having edges of a deeper color; the extreme tips yellow. 4½ ft. **Each 25c., doz. \$2.50.**
- 4808 **Rev. Dr. Baker.** One of the most satisfactory Dahlias we have ever grown, always being covered with large and perfect flowers. The coloring is very odd, being a novel shade of plum. Excellent for exhibition or garden purposes. **Each 50c., Doz. \$5.00.**
- 4820 **Richard Box.** A pleasing shade of soft yellow, the long incurving florets forming a beautiful exhibition flower. 11 flowers early and maintains a steady average of fine flowers. 3½ ft. **Each 75c., doz. \$7.50.**
- 4860 **ROSEA SUPERBA.** One of the best Cactus Dahlias for cutting; a single flower on a stiff erect stem; flowers are quite large, perfect and of a lovely rose color. 5 ft. **Each 25c., doz. \$2.50.**
- 49110 **ROYAL SCARLET.** Immense flower of long narrow petals; color pure scarlet; very striking. 4 ft. **Each 25c., doz. \$2.50.**
- 4980 **Saxonia.** Rich red purple with bright purple shading; flowers large and of good shape. 4 ft. **Each 25c., doz. \$2.50.**
- 5010 **SCHONE ELSE.** The plants attain a height of 4½ feet. Flowers are perfect; pure white with a slight tint of lavender rose. 4 ft. **Each 25c., doz. \$2.50.**
- 5020 **SCHONE ROSE.** Clear pink, tipped white at the end of the petals, center a soft green, petals fine and straight. 4 ft. **Each 25c., doz. \$2.50.**
- 5035 **Scorpion.** Wonderful new incurved English Cactus Dahlia. One of the most sensational of the Incurved Cactus Dahlias. A flower of absolutely unique formation, the florets being very narrow and so gracefully and effectively incurved, twisted and interlaced as to almost meet in the center. At first sight one would think it was a Chrysanthemum. The blossoms are of medium size and of a beautiful clear yellow color. This variety is a great favorite with specialists abroad, especially appealing to the lovers of irregularly formed Cactus Dahlias. **Each 50c., Doz. \$5.00.**
- 5100 **Simplicity.** Large flowers of the true elegant Cactus type. Color is a fine soft lilac rose, produced on long stems which hold their heads up. **Each 75c., doz. \$7.50.**

- No.  
5185 **Snowdon.** One of the finest white Cactus Dahlias; an excellent exhibition flower. 3 ft. **Each 35c., doz. \$3.50.**
- 5188 **SNOWSTORM.** A large, bold white flower of fine form, moderately incurved, plants dwarf and sturdy; early flowering. 3 ft. **Each 35c., doz. \$3.50.**
- 5400 **T. G. Baker.** One of the finest yellow Cactus Dahlias for the exhibition table; the narrow, long incurved petals form almost perfect flowers, which often measure 7 inches across; color clear yellow. 3½ ft. **Each 25c., doz. \$2.50.**
- 5425 **THOMAS PARKIN.** Petals very narrow and incurved; the blooms all of great depth and remain in perfect condition for a long time; the corol is a uniform light terra cotta. 3 ft. **Each 25c., doz. \$2.50.**
- 5535 **UNDINE.** Soft lilac pink, lighter toward the center to almost white. Plants of dwarf habit. 3 ft. **Each 25c., doz. \$2.50.**
- 5675 **VULCAN.** A fine Cactus for garden decoration and cutting; color orange scarlet shaded a little darker in the center. 4 ft. **Each 25c., doz. \$2.50.**
- 5620 **VIVID.** Bright orange scarlet. 3 ft. **Each 25c., doz. \$2.50.**
- 5700 **W. B. Childs.** A very reliable variety. Color a beautiful dark maroon. Flowers extra large. **Each 35c., doz. \$3.50.**
- 5717 **Wellington.** Immense flower of glowing crimson with a shade of purple toward tips. 4½ ft. **Each 35c., doz. \$3.50.**
- 5810 **WM. MARSHALL.** A great exhibition sort; a flower of gigantic size. Color rich orange with bright yellow in center. 5 ft. **Each 25c., doz. \$2.50.**
- 5812 **Wodan.** An immense flower of the American-Cactus type with broad semi-incurved tubular petals of a delicate salmon, shading to old gold. 5 ft. **Each 35c., doz. \$3.50.**
- 5815 **W. T. ROGERS.** Velvety maroon with a crimson shade; blooms are large and produce freely. 4 ft. **Each 25c., doz. \$2.50.**



T. G. Baker



## Dahlias, Paeony-Flowered COLLECTIONS

**BERTHA VON SUTTNER**, salmon shaded yellow.  
**BIANCA**, lavender pink.  
**DR. K. W. VAN GORKOM**,  
**MISS G. KEELING**, pale rose.

**DR. KUYPER**, orange color.  
**GEISHA**, scarlet and yellow.  
**J. C. IDE**, rosy purple.  
**MME. D. BIJSTEIN**, lilac blue.

**STERNA**, sulphur yellow.  
**QUEEN EMMA**, lavender pink.  
**THE BRIDE**, white.  
**GLORY OF BAARN**, delicate pink.

Collection of the above varieties \$3.50.  
Collection of 25 varieties (including above and additional varieties) \$6.50.

**ANDREW CARNEGIE**,  
salmon pink.  
**MISS G. KEELING**, pale rose.

**DR. K. W. VAN GORKOM**,  
white and rose.

**GEISHA**, red and yellow.  
**QUEEN EMMA**, lavender pink.

No. 20070 **A. H. Mee**. A very deep mauve with bright golden disc. 5 ft. Collection of the above 5 varieties for \$1.50.

No. 20090 **ANDREW CARNEGIE**. Clear salmon pink with bronze shading; center very prominent and rounded; petals are somewhat flat, making it a distinct shape; plants 4 ft. **Each 35c., doz. \$3.50.**

No. 20100 **Attraction**. Large elegant flowers of a clear lilac rose color, long strong stem. It is an exhibition flower and garden Dahlia of rare cup-shape. Slightly fragrant. **Each \$1.00, doz. \$10.00.**

No. 20150 **Avalanche**. (New introduction.) Pure white, very best among the whites in the Paeony-flowered class. **Each 50c., doz. \$5.00.**

No. 20210 **BARON G. DE GRANCY**. Creamy white; some flowers come single, all incurved or cup-shape. Slightly fragrant. 4 ft. **Each 25c., doz. \$2.50.**

No. 20230 **Bertha Van Suttner**. In form similar to "H. Hornsveld," an elegant twisted petal. The immense flower always carried erect; color beautiful salmon shaded yellow. 3½ ft. **Each 50c., doz. \$5.00.**

No. 20240 **Bianca**. Flowers of a lovely lavender pink. Very free flowering on long stems. Splendid habit and good form. 5 ft. **Each 50c., doz. \$5.00.**

No. 20245 **Carl Purdy**. A wonderful introduction in every respect. The flowers are very large, held erect on long strong stems. Color a bright fiery scarlet. The plants are of excellent habit and of a particularly strong constitution. **Each \$2.00.**



Avalanche

No. 20250 **California**. The early flowers are full to the center, with broad petals that are somewhat pointed and long. As the season advances, the flowers show that beautiful golden yellow center, so characteristic of the Paeony-flowered type. In color it is a beautiful clear rich deep yellow. The blossoms are large, and produced upon long stiff stems. Very free-flowering. **Each \$1.00, doz. \$10.00.**

No. 20268 **Chatenay**. Color similar to the well-known Chatenay Rose; blooms held erect on long, stiff stems. F. C. C. 4 ft. **Each 35c., doz. \$3.50.**

No. 20270 **CLAUDE GRAHAME-WHITE**. Flowers from 5 to 6 in. in diameter, on long stems. Color canary yellow, splashed with golden yellow. 4 ft. **Each 35c., doz. \$3.50.**

No. 20300 **COL. J. ST. G. WOLSELEY**. Rosy lilac, with points of petals almost white; height 4 ft. **Each 25c., doz. \$2.50.**

No. 20320 **Copper**. This is one of the best late California introductions, a marvel of beauty. An immense flower with a very unique coloring. Copper shaded and tinted with bronze and apricot, with a suggestion of salmon pink. The petals are broad, fluffy and twisted, giving a full, deep effect. **Each \$1.00, doz. \$10.00.**

No. 20405 **Creation**. Enormous flowers of deep red shaded lighter toward the center of petals, long straight stems. 4 ft. **Each \$1.00, doz. \$10.00.**





Geisha

- 20410 **Diana.** Height 5 ft. A beautiful shade of rich claret shaded purple; a color much wanted among this type of Dahlia. Blossoms are of immense size borne on long, stiff stems. **Each \$1.50.**
- 20415 **Dream.** Never was a Dahlia more correctly named, its wonderful color reminding one of the setting sun. Every lover of Dahlias should not miss this wonderful addition to his collection. Height 4½ ft. **Each \$1.50.**
- 20420 **DR. K. W. VAN GORKOM.** A large flower of white, heavily marked rose. 5 ft. **Each 25c., doz. \$2.50.**
- 20425 **Dr. Peary.** Dark velvety mahogany. The darkest of all. Award of merit. 4 ft. **Each 35c., doz. \$3.50.**
- 20435 **Dr. Kuyper.** Beautifully formed flower of a bright orange color, most effective. 4 ft. **Each 35c., doz. \$3.50.**
- 20438 **Duchess of Brunswick.** (New introduction.) A distinct and beautiful variety of a brilliant red. Reverse of petals apricot. Blossoms are of immense size, often measuring 8 to 9 inches across. 5 ft. **Each 75c., doz. \$7.50.**
- 20440 **DUKE HENRY.** Dark crimson; petals twisted; good, long, straight stems. 4½ ft. **Each 25c., doz. \$2.50.**
- 20470 **DURBAN.** Chamois color suffused with rose; a large flower of graceful form. The habit is very erect and the plant free blooming; a grand garden plant. 5 ft. **Each 75c., doz. \$7.50.**
- 20490 **Eveque.** One of the most charming new Pæony-flowered Dahlias; color unique, a deep purple; something entirely new in this type of Dahlia; the enormous blooms sometimes measure 8 inches across. 6 ft. **Each 75c., Doz. \$7.50.**
- 20710 **Geisha.** Its form is most original; the petals showing more twist and curls than any other sort. The first flower comes fully double, while only those that follow show the beautiful golden center which with this flower is most charming. The color combination is remarkable—orange scarlet with yellow center paling off toward the tips. 5 ft. **Each 75c., doz. \$7.50.**
- 20720 **GERMANIA.** Wine color, dark velvety crimson shaded with yellow; long straight stems; height 4 ft. **Each 25c., doz. \$2.50.**
- 20740 **GLORY OF BAARN.** Delicate, soft pink; very free and carried erect; height 5 ft. **Each 25c., doz. \$2.50.**
- 20750 **Glory of Groenekan.** Extra large flowers of orange yellow; height 5 ft. **Each 25c., doz. \$2.50.**
- 20790 **H. J. LOVINK.** Flowers are very large, borne on long stems, which stand well above the foliage. The color is a very delicate white shading to a lavender pink. Height 4 ft. **Each 50c.**
- 20845 **HORTULANUS BUDDE.** A clear bright orange red; flowers of good substance and form. Award of Merit. 4½ ft. **Each 25c., doz. \$2.50.**
- 20850 **HUGO DE VRIES.** Orange brown flowers of loose formation. 5 ft. **Each 25c., doz. \$2.50.**
- 20910 **J. M. Boreel.** One of the most attractive of the new varieties; amber color shading toward the tip of petals to clear yellow. The giant flowers average 7 to 9 inches in diameter and are held erect on long stiff stems. Height 4½ ft. **Each \$1.00.**
- 20950 **J. C. Ide.** (New introduction.) A beautiful rosy purple, distinct shade with long, stiff stems. 5 ft. **Each 50c., doz. \$5.00.**
- 20960 **John Green.** (New introduction.) The coloring is intensely brilliant, the center being clear yellow, which quickly changes to fiery scarlet. A feature is its lasting qualities, the flowers remaining in full beauty for over a week unharmed by rain or sun. 5 ft. **Each 50c., doz. \$5.00.**
- 20970 **King of Autumn.** Height 7 ft. Color old gold shaded lighter toward tips of petals; flowers are borne on long stems well above the foliage, making it without doubt one of the finest Pæony-Flowered. **Each \$1.50.**
- 21075 **Latonia.** A distinct and beautiful variety of a deep golden yellow shaded toward the center to a primrose. The habit is very erect and the plant free blooming. The gigantic flowers will easily measure from 7 to 9 inches across. 4½ ft. **Each \$1.50.**
- 20980 **King Edward.** One of the most attractive Dahlias; very large flower, easily measuring 7 inches in diameter; of very dark crimson, on long stems. 5 ft. **Each 50c., doz. \$5.00.**
- 21000 **KING LEOPOLD.** Cream yellow shading to white; flowers carried erect on long stems. 5 ft. **Each 25c., doz. \$2.50.**
- 21080 **La France.** Same coloring as the famous Rose La France; a soft pink, overlaid silvery pink. 4½ ft. **Each 35c., doz. \$3.50.**
- 21090 **LA RIANTE.** Plants grow 3½ ft. high as their flowers are borne on enormously long stems, in clusters from 2 to 4, far away from the foliage; color a deep pink. 5 ft. **Each 25c., doz. \$2.50.**
- 21100 **LIBERTY.** Scarlet; very large flowers on long stiff stalks; erect grower. **Each 35c., doz. \$3.50.**
- 21220 **Mme. D. Bijstein.** (New introduction.) Lovely shade of lilac blue flowers of exceptional beauty; large, well formed flowers with graceful curling florets on good long stems. 5 ft. **Each 35c., doz. \$3.50.**
- 21290 **MARIE STUDHOLME.** A very delicate mauve, shading to white. 5 ft. **Each 25c., doz. \$2.50.**



No. 21360 **Miss G. Keeling.** Pale rose. Very free flowering, tall growing, with long stems. 4½ ft. **Each 35c., doz. \$3.50.**

21370 **MISS GLADYS DAWSON.** Soft yellow rose; very free and erect; height 5 ft. **Each 35c., doz. \$3.50.**

21470 **MRS. A. McKELLAR.** Distinct; a lovely terracotta, shaded salmon. 4 ft. **Each 25c., doz. \$2.50.**

21490 **Mrs. Bowen Tufts.** One of the finest of the new Pæony-flowered Dahlias, having gigantic deep rosy purple blossoms, which are produced well above the foliage upon long graceful stems. 6 ft. **Each \$1.00.**

21520 **Mrs. H. E. Fiske.** The finest pure white Pæony Dahlia in existence. The enormous flowers having edges of petals beautifully ruffled and fringed. They are carried on stems well above the foliage, excellent for decorative work and unsurpassed as a cut flower. **Each \$2.00, doz. \$20.00.**



The Bride

21520 **Mrs. J. H. Benton.** A very large full deep flower with long strong stems. The color is white suffused with a delicate yellow; the reverse of the petals is streaked carmine, which delicately tints the whole flower. Plants are tall and vigorous. 6 ft. **Each \$2.50.**

21730 **Old Gold.** (New introduction.) One of the largest and free blooming Dahlias of recent introduction, good for exhibition or garden effect. Color is of deep golden amber shading to old gold. 4 ft. **Each 75c., doz. \$7.50.**

21740 **Painted Lady.** One of the most fascinating varieties in existence. Color a beautiful pale rose, flowers borne on enormously long stems; very free-flowering. **Each 50c., Doz. \$5.00.**

21790 **PRES. FALLIERES.** (New introduction.) Beautiful orange scarlet, of excellent form, great size and good stems. 4½ ft. **Each 35c., doz. \$2.50.**

No. 21800 **P. W. JANSSEN.** Rosy salmon with a shade of yellow; an elegant flower borne on stout erect stems never less than 2 feet in length; a rich and pleasing shade. 5 ft. **Each 25c., doz. \$2.50.**

21810 **QUEEN ALEXANDRA.** A clear sulphur white; an elegant flower; plants dwarf and very effective. 4 ft. **Each 25c., doz. \$2.50.**

21850 **Queen Augusta Victoria.** A whitish yellow resembling the Rose of the same name. 4 ft. **Each 25c., doz. \$2.50.**

21860 **QUEEN EMMA.** Soft lavender pink; of refined form and good keeper. 5 ft. **Each 25c., doz. \$2.50.**

21870 **QUEEN WILHELMINA.** The most satisfactory pure white flower; the petals are elegantly twisted and are of glistening white. The plant is extremely free blooming. 5 ft. **Each 35c., doz. \$3.50.**

21880 **Rochester.** Color a gorgeous crimson maroon, effectively striped and splashed pure white. **Each 75c., doz. \$7.50.**

21890 **Rose Gem.** A new color of soft salmon pink, shaded yellow, elegant in form, plants of finest habit, very free and early. 4 ft. **Each \$1.00.**

21895 **Robert Kartum.** Lovely rosy-lilac shaded much lighter on the backs of petals; long straight stems. 4 ft. **Each \$1.00.**

21900 **Ruhm Von Nijkerk.** A splendid exhibition variety of rich purple violet. The center sometimes comes full like a decorative. 5 ft. **Each 35c., doz. \$3.50.**

22050 **SHERLOCK HOLMES.** Large size flowers, of good form and type; color a rich mauve. 5 ft. **Each 25c., doz. \$2.50.**

22080 **SNEEWWHITJE.** Pure white; strong growing plants, very conspicuous flower of great substance. 4 ft. **Each 25c., doz. \$2.50.**

22100 **SOLFATARE.** Carmine red with yellow center. 4½ ft. **Each 25c., doz. \$2.50.**

22125 **Sterna.** (New introduction.) Very large flowers; correct shape; color pale sulphur, held erect on long stems. 5 ft. **Each 75c., doz. \$7.50.**

22170 **The Bride.** (New introduction.) Another beautiful snow white of medium height, good-sized flowers of true Pæony-flowered type. 5 ft. **Each 35c., doz. \$3.50.**

22200 **Virginia Marshall.** A very beautiful and delicate new variety; the petals are very long and "Geisha" like, being beautifully quilled and twisted; color primrose yellow, faintly overlaid a delicate rose lilac shade. **Each 75c., doz. \$7.50.**

22275 **WINIFRED POMEROY.** Carmine amaranth with silvery reverse. 4 ft. **Each 25c., doz. \$2.50.**

22300 **Yellow King.** (New introduction.) Rich clear yellow color, producing large elegant flowers on long, stiff stalks. The general report is, the finest Pæony-flowered Dahlia ever shown. 5 ft. **Each 75c., doz. \$7.50.**

22500 **Yellow Transparent.** (New introduction.) This is a gem for bedding effects. Color is clear yellow. The height 2 feet; form of flowers is true Pæony type. **Each 35c., doz. \$3.50.**



## Decorative Dahlias COLLECTIONS

**BULL MOOSE**, strawberry color.  
**DELICE**, pink.  
**FIREBURST**, orange, shaded  
scarlet.  
**GEN. FOCH**, scarlet.

**GIGANTEA**, yellow.  
**HORTULANUS FIET**, salmon.  
**HORTULANUS WITTE**, white.  
**LA FRANCE**, rose and pink.

**MEA VOTA**, salmon pink.  
**BEAUTY OF KENT**, red and  
white.  
**MRS. ROOSEVELT**, light pink.  
**SEMIRAMIS**, pink and yellow.

Collection of above 12 varieties \$3.00.  
Collection of 25 varieties (including above and additional varieties) \$5.50.

**ALPHONSE ISORE**, scarlet.  
**HORTULANUS WITTE**, pure  
white.

**LA FRANCE**, rose pink.  
**MEA VOTA**, salmon pink.  
Collection of 6 varieties for \$1.50.

**MRS. ROOSEVELT**, light pink.  
**SEMIRAMIS**, pink suffused yellow



American Beauty

- 6005 **Alice Roosevelt**. White, shaded lilac, strong stems, free flowering. 4 ft. Each 35c., doz. \$3.50.
- 6010 **ALPHONSE ISORE**. Rich garnet with violet on reflexed side of petals; medium large flower, produced on long stems. 4 ft. Each 25c., doz. \$2.50.
- 6025 **American Beauty**. One of the most perfect Decorative Dahlias of a new wine crimson shade; exceedingly attractive. 4 ft. Each 50c., doz. \$5.00.
- 6100 **AUGUSTE NONIN**. Clear scarlet; a large and superb flower borne abundantly always above the foliage; flowers are perfect. 5 ft. Each 25c., doz. \$2.50.
- 6150 **Aurora Borealis**. The best salmon red; it belongs to the giant class and should be included in all first-class collections. The flowers measure from 6 to 7 inches in diameter, and are borne on long stems in great profusion. 6 ft. Each \$1.50.
- 6160 **BEAUTY OF KENT**. Beautiful in form, color and appearance; deep crimson red with distinct pure white tips; most effective and free blooming. 4 ft. Each 25c., doz. \$2.50.

6170 **Bessie Boston**. Another Dahlia of the "Colossal type." A most beautiful flower of a brilliant ruby crimson in color, each petal being evenly split or nicked at the tips giving the flower an unique appearance. Each \$1.00, doz. \$10.00.

6190 **Bull Moose**. (Our own introduction.) As a Decorative Dahlia it is well nigh perfect. The color is a beautiful shade of crushed strawberry; flowers well above the plants, which grow three feet. Each 75c.

6195 **California**. Canary yellow flowers of large size which are borne on long stems well above the foliage; very free bloomer; height 4 ft. Each \$1.00.

6210 **Darlene**. An exquisite shade of lively shell pink, with a dainty blending of white at center. For massing or edging "Darlene" is ideal. The plants are literally covered with blossoms from early July until frost. 3 ft. Each \$1.00, doz. \$10.00.

6290 **Delice**. One of the finest pink colored Decorative Dahlias, excellent in form, perfect in type; delicate in coloring. Bright pink, suffused with a lavender pink. 4 ft. Each 35c., doz. \$3.50.

6295 **D. M. Moore**. An enormous flower of deep crimson maroon shading almost to black; a very attractive variety when planted among light colors. 3½ ft. Each 35c., doz. \$3.50.

6440 **FIREBURST**. It is a seedling of Le Colosse, has broader and longer petals, but a far more intense scarlet, slightly shaded orange, and produces specimens which measure 8 inches and over 3½ ft. Each 35c., doz. \$3.50.

6477 **Francis A. Butts**. An immense flower 7 to 8 inches in diameter on the longest stem of any Dahlia in existence, being over two feet long without a leaf. The color is flesh white with a slight edge of pure lavender. As the flower opens it bleaches to pure white. 4½ ft. Each 50c., doz. \$5.00.

6480 **Freedom**. The flowers are a beautiful deep crimson color and are produced with such ease and freedom that the word "Freedom" is the most appropriate name. 4½ ft. Each 50c., doz. \$5.00.

6485 **Francis Martin**. One of the most charming new Decoratives and one that will be sure to give perfect satisfaction. A white ground overlaid lavender, the coloring is somewhat similar to the well known W. W. Rawson, but the shade of lavender is darker. The stems are long and very stiff, holding the larger flower erect with ease. Each \$2.00.

6500 **Gen. Foch**. The flowers which are very large and borne profusely above the foliage of a dazzling scarlet, petals long and narrow. 4½ ft. Each 75c., doz. \$7.50.

6520 **Giant Purple**. This is the best clear purple Dahlia we have seen. Flowers are enormous in size, full and deep centered, free flowering on long stiff stems. 4 ft. Each 50c., doz. \$5.00.

6540 **Gigantea**. Gigantic and massive in form; the individual petals are short and it requires many to form such a monstrous flower; a soft sulphur yellow. Each 50c., doz. \$5.00.



- No. 6602 **Harvard.** To our knowledge the grandest crimson Colossal variety in existence. The perfect form immensity of size, brilliance of colors makes it rank the finest in its class. Its wonderful flowers are produced with exceptional freedom on long wiry stems. **Each \$1.50.**
- 6605 **Hortulanus Fiet.** Beautiful salmon color with a yellow center. This variety is one of the largest grown. 3 ft. **Each 50c., doz. \$5.00.**
- 6610 **HORTULANUS WITTE.** A pure white, Decorative Dahlia; flowers extra large. 5 ft. **Each 35c., doz. \$3.50.**
- 6615 **Jack Rose.** The identical shade of the rose with the same name; flowers early. 3 ft. **Each 25c., doz. \$2.50.**
- 6650 **Jeanne Charmet.** The flowers measure 8 inches across and are borne on stiff, wiry stems, often 18 inches long. The exquisite flowers are pink at the edges, pure white toward the center and light yellow at the margins. 4 ft. **Each 35c., doz. \$3.50.**
- 6655 **J. K. Alexander.** This grand Colossal Dahlia is a seedling from the well known "Le Colosse" and has the exact form of petals and same shape as that famous variety. The color of this beautiful flower is a royal shade of clear, rich violet-purple, which deepens to an exquisite deep purple. The gigantic flowers are borne on long, wiry stems, well above the foliage. This acquisition produces its mammoth flowers freely. **Each \$1.00.**
- 6680 **JOHN FOTTLER.** A massive flat petaled flower of great texture. Ground color white overlaid with faint markings of violet, giving it the appearance of French gray. 3½ ft. **Each \$1.00.**
- 6700 **JOHN R. BALDWIN.** Heavy deep flowers of good size, borne on long stems in the greatest profusion from early Summer until late in the Fall; color salmon pink. 3½ ft. **Each 35c., doz. \$3.50.**
- 6750 **KAISERIN AUGUSTA VICTORIA.** It does not require a support of any kind. The immense, perfect, pure white flowers are borne in great profusion on erect, stout stems. 3 ft. **Each 35c., doz. \$3.50.**
- 6800 **La France.** Brilliant rose pink, loosely built and resembles in shape a large double Peony. 4 ft. **Each 25c., doz. \$2.50.**
- 6826 **LE GRAND MANITOU.** Large decorative variety; white, more or less striped with violet red. 3 ft. **Each 35c., doz. \$3.50.**
- 6840 **LEO XIII.** Color a good deep yellow. Blossoms are of massive proportions upon splendid stems held well above the foliage. Good form and habit. 5 ft. **Each 75c., doz. \$7.50.**
- 6850 **Mabel.** (New introduction.) A lovely and attractive variety so free and fine for decoration. Color is a clear light mauve; a good upright grower. 5 ft. **Each 75c., doz. \$7.50.**
- 6855 **Mme. Victor Vassier.** Clear sulphur yellow. **Each 35c., doz. \$3.50.**
- 6871 **Masterpiece.** A gigantic flower of clear color without shading. Color a rich tango. The blooms, which are early, are borne on stems often 20 inches in length. **Each 50c., doz. \$5.00.**
- 6880 **Mea Vota.** A grand Dahlia of the Decorative type; very free flowering; as a cut flower variety it is unsurpassed. The color is salmon pink. **Each 75c., doz. \$7.50.**
- 6885 **Mina Burgle.** A champion variety, producing flowers of gigantic size and remarkable beauty; one of the best. Color a glowing and most brilliant scarlet. The flowers are of perfect Decorative type and are borne upon long wire stems well above the foliage. **Each 50c., doz. \$5.00.**
- 6900 **MME. A. LUMIERE.** Unique coloring; pure white, violet red points; a fine contrast of colors; distinct. 4 ft. **Each 35c., doz. \$3.50.**
- 6950 **MADAME DEVINAT.** Extra large flowers of fine form, the blossoms being carried well above the foliage on long, stiff stems. Pure white tinged flesh. Very delicate shading. 5 ft. **Each 50c., doz. \$5.00.**
- No. 6990 **Mme. Louis Perrier.** The flowers are fully twice as large, better marked and more perfect in shape; the heavy petals overlap and are a clear carmine with white edge. 3½ ft. **Each 50c., doz. \$5.00.**
- 7020 **MME. VAN DEN DAEL.** True white, flushed lively pink; a loosely formed flower. 4 ft. **Each 35c., doz. \$3.50.**
- 7130 **Mammoth.** The largest Decorative Dahlia now in existence. The massive petals are placed in exact regularity and never show an open center. The color is an intense vermilion of a velvety texture. The plant is dwarf, extremely sturdy, and produces a very luxuriant foliage. **Each 50c., doz. \$5.00.**
- 7305 **Mons. Le Monarde.** The large blossoms are of the most exquisite and delicate coloring, being pure sulphur yellow, with the tip of each petal distinctly tipped for the depth of one inch, pure white. 4 ft. **Each 75c., doz. \$7.50.**
- 7310 **MOROCCO.** Clear plum color, tipped white; flowers of large size. 4 ft. **Each 25c., doz. \$2.50.**
- 7340 **MRS. FLEERS.** A perfect combination of colors, red and rose, exceedingly attractive. Awarded first-class certificate. 4 ft. **Each 25c., doz. \$2.50.**
- 7400 **Mrs. Roosevelt.** A beautiful flower of immense size, fine color, graceful form and has excellent stems for cutting; the flowers are perfectly double. 6 to 8 inches in diameter and of a delicate light pink. 5 ft. **Each 35c., doz. \$3.50.**
- 7450 **Noir Alvarez.** A gigantic new variety; color a deep velvety ox-blood red. The plants make a sturdy vigorous growth with long stiff stems. A profuse bloomer. 5 ft. **Each \$2.00.**
- 7500 **PAPA CHARMET.** Brilliant velvety coral red; perfect flowers in great abundance. 4½ ft. **Each 25c., doz. \$2.50.**
- 7550 **PHENOMENE.** Beautiful shade of salmon. **Each 35c., doz. \$3.50.**
- 7510 **Paul Grampel.** The color is a very rich garnet; flowers are true Decorative type and borne on long stems well above foliage. **Each \$1.00.**
- 7572 **PRINCESS JULIANA.** The queen of Dahlias. Pure white, well formed flowers on long stems. Best for decorative work. 4½ ft. **Each 50c., doz. \$5.00.**
- 7580 **PROFESSOR MANSFIELD.** Rich yellow, white tips, red center. **Each 35c., doz. \$3.50.**
- 7590 **Salvadore.** The color is a wonderful lively pink, shading lighter toward tips of petals, very free bloomer; flowers appear well above foliage, this beautiful Dahlia should be added to every Dahlia lover's collection. **Each 75c., doz. \$7.50.**
- 7600 **Santa Cruz.** A remarkably handsome variety of perfect form. The coloring of this variety is exceedingly wonderful—an exquisite deep lemon-yellow, artistically overlaid and blending a novel shade of salmon-pink. Exceptionally large and free flowering. The plants are strong and robust, producing their gigantic flowers upon long stems. **Each \$1.00.**
- 7707 **Semiramis.** Immense flower, the pink color of the Cattleya Orchids suffused with yellow. 3½ ft. **Each 35c., doz. \$3.50.**
- 7740 **SOUVENIR DE GUSTAVE DOUZON.** These immense flowers are borne in profusion from the earliest blooming to frost; 9½ inches diameter; a rich scarlet. 5 ft. **Each 20c., doz. \$2.00.**
- 7750 **SOUVENIR DE MR. SILVENT.** Yellow striped crimson; beautiful and grand flowers. 4 ft. **Each 25c., doz. \$2.50.**
- 7780 **TENOR ALVAREZ.** Color of flowers bronze red, splashed and striped with velvety brown. Petals are quite broad, rather flat; blooms very freely. 4 ft. **Each 50c., doz. \$5.00.**
- 7910 **YELLOW COLOSSE.** Although it bears the name of Colosse, it has very little similarity to this flower, but it is the best exhibition yellow; the flowers come very perfect on the long stems. 3½ ft. **Each 50c., doz. \$5.00.**
- 7950 **ZEPELIN.** Large double flower of good form, full and round, borne on good stems. A beautiful shade of lilac. 5 ft. **Each 35c., doz. \$3.50.**



## Show and Fancy Dahlias COLLECTIONS

Acquisition, mauve.  
Cuban Giant, maroon.  
Gov. Guild, pure white.  
Gold Medal, yellow and red.  
Lucy Fawcett, yellow striped lilac.

Grand Duke Alexis, white and lavender.  
Ruth, orange buff.  
Stradella, purplish crimson  
Collection of 12 varieties above \$3.50.

Mrs. Langtry, cream and crimson.  
Rose, bright rose.  
Vivian, white and violet.  
W. W. Rawson, lavender.

Acquisition, mauve.  
Cuban Giant, maroon.

Gov. Guild, pure white.  
Rose, bright rose

Lucy Fawcett, pale yellow striped lilac.

No. 8600 Collection of the above 5 varieties for \$1.50.

**Acquisition.** Rich, royal, deep mauve; splendid exhibition flower.

4½ ft. Each 25c., doz. \$2.50.

8630 **ANSONIA.** Rich shade of deep purple, distinctly edged lavender purple. 4 ft. Each 35c.

8820 **Cuban Giant.** An immense ball of bright maroon; free and early. 5 ft. Each 25c., doz. \$2.50.

8840 **David Warfield.** Extra good form and habit, producing its mammoth flowers of deep cherry red on long wiry stems. 4 ft. Each 75c., doz. \$7.50.

8895 **Dreer's White.** Plants grow about 3 feet high in symmetrical round form and beautiful glistening white flowers are carried on long, wavy stems. Each 35c., doz. \$3.50.

9032 **Estelle Christy.** Color is a bright lemon yellow. The enormous blooms, which average 7 to 9 inches in diameter, are borne on long rugged stems. Each \$2.00, doz. \$20.00.

9040 **FLORENCE TRANTER.** Blush white, distinctly edged rosy purple; a good flower; very constant. 3½ ft. Each 25c., doz. \$2.50.

9090 **General Miles.** The flowers are the largest of the fancy type, color a clear violet rose, heavily striped and spotted purple; a real prize winner. 4 ft. Each \$1.00, doz. \$10.00.

9092 **GLADIATEUR.** Clear violet, shaded blue. A splendid new exhibition variety. Each 35c., doz. \$3.50.

9095 **GLOBE DE MANTES.** Bright scarlet; a perfect model. Each 35c., doz. \$3.50.

9098 **GOLDEN AGE.** Sulphur-yellow. Free-flowing. Each 25c., doz. \$2.50.

9140 **Gold Medal.** Bright canary yellow, regularly marked with fine stripes and splashes of deep red. Each 50c., doz. \$5.00

9200 **Governor Guild.** Color is a clear white. The flower is perfect in shape, full and round, exquisitely fluted petals. The spread of the flower is 5 inches. They are borne on long, erect stems. Each 50c., doz. \$5.00.

9230 **GRAND DUKE ALEXIS.** Color white tinged soft lavender under the edges; petals quilled. 4 ft. Each 25c., doz. \$2.50.

9300 **Ivanhoe.** An enormous sized show Dahlia of a snow white, beautifully edged pinkish lavender. Each 75c., doz. \$7.50.

9440 **Le Colosse** Immense size; deep red; flatly built. Each 75c., doz. \$7.50.

9470 **Les Amours de Madame.** New Giant Fancy Dahlia; delicate pale rose, striped scarlet. A beautiful combination of color and universally admired. Each 75c., doz. \$7.50.

9500 **LUCY FAWCETT.** Pale yellow, striped lilac. 4 ft. Each 25c., doz. \$2.50.

9550 **M. SOMERS.** A beautiful clear purple. Each 25c., doz. \$2.50.

9620 **MAUD ADAMS.** The color a pure snow white, very effectively overlaid clear pink; flowers of good size. 4 ft. Each 50c., doz. \$5.00.

9645 **METEOR.** Bright red; very large. 3½ ft. Each 25c., doz. \$2.50.

9690 **MISS ALICE KING.** Ivory white shaded and edged rose. 4 ft. Each 25c., doz. \$2.50.

9700 **Miss Helen Hollis.** A sensational wonder and undoubtedly the largest and best deep scarlet Show Dahlia in existence. Blossoms are on long stiff stems well above the foliage. Each \$1.00, doz. \$10.00



Estelle Christy

No. 8925 **Mrs. John Bowman.** Offered this season for the first

time. The form of this flower is out of the ordinary, the center petals being quilled, while the outer ones broaden out to the Decorative type. The color is an exquisite shade of deep golden yellow, with the reverse of the petals slightly tinged magenta. The stems are long and exceptionally stiff, carrying the large bloom quite free of the foliage. Each \$2.00.

9870 **MRS. LANGTRY.** Cream, edged crimson; of fine form. 3 ft. Each 25c., doz. \$2.50.

10021 **Prof. Fawcett.** New English Fancy Dahlia. The ground color lilac, being beautifully striped chocolate; a decided acquisition. 4 ft. Each 50c., doz. \$5.00.

10022 **Purple Duke.** Color a rich purple, formation of flowers beautifully quilled, resembling Grand Duke Alexis. 4 ft. Each 50c., doz. \$5.00.

10110 **Rose.** Color a bright rose; flowers are carried erect on stems 3 ft. in length and are exceedingly free blooming. 4½ ft. Each 50c., doz. \$5.00.

10150 **ROSEBUD.** Flowers large and perfect; color white, effectively edged rose pink; plants dwarf and bushy, producing an abundance of flowers. 4 ft. Each 50c., doz. \$5.00.

10170 **Ruth.** Bright orange buff. Well formed flowers with long stems, borne in great profusion well above the foliage. Each 50c.



## SHOW AND FANCY—Continued

No.

- 10200 **Storm King.** The most reliable pure white Show Dahlia. Flowers produced on long stems well above the foliage.

Each 25c., doz. \$2.50.

- 10230 **STRADELLA.** Color deep purple crimson, quite loosely arranged, with deep cup and shaded petals. The flowers are perfectly round when in full bloom with long graceful stems. 4½ ft.

Each 25c., doz. \$2.50.

- 10260 **Vivian.** A perfect blending of colors. Pure white, distinctly edged rose violet, flowers of perfect type and form, full and deep. 4 ft.

Each 75c., doz. \$7.50.

- 10282 **WHITE SWAN.** Pearly white. 4 ft.

Each 25c., doz. \$2.50.

- 10320 **W. W. Rawson.** The petals toward the center are quilled, toward the outer part they are more open and flat. The entire flower is absolutely perfect in outline and formation. The color is pure white, overlaid amethyst blue. 4 ft.

Each 50c., doz. \$5.00.

## Giant Single Dahlias

The larger flowered single Dahlias are rivals of the Pæony-flowered type and are equally satisfactory for garden and cutting. There is always grace in a single flower which is seldom found in a double or semi-double flower, and when it comes to free blooming qualities there is nothing that excels the single.

- 11355 **AMI BARRILET.** Rich, pure garnet with fine dark foliage. 4 ft.

Each 25c.

- 11385 **Blanche.** The flowers are massive, color being a pale yellow at the base; tipped pink overlaid with pure white.

Each 25c.

- 11395 **BIG CHIEF.** Rich crimson with maroon shadings on margin. 5 ft.

Each 25c.

- 11415 **CRIMSON CENTURY.** Rich, deep, velvety crimson, streaked maroon, with rose halo around yellow disc. 4 ft.

Each 25c.

- 11430 **Dauntless.** Alternating in color from silvery pink to deep rose and elegantly striped crimson maroon.

Each 25c.

- 11440 **Gracie.** Delicate blush pink; a fine bloomer.

Each 25c., doz. \$2.50.

- 11610 **Newport Beauty.** Each plant makes a wonderful bush of foliage which is covered with flowers of a bright satiny rose pink; a valuable variety for decorative purposes.

Each 35c.

- 11625 **Painted Beauty.** Garnet striped deep maroon tipped white.

Each 25c., doz. \$2.50.

- 11645 **Snowflake** A large flower of the purest white.

Each 50c., doz. \$5.00.

- 11650 **Somersworth.** Each petal is slightly scooped and twisted from its center to the tip. The color is an intense scarlet, with a broad band of gold around the prominent disc. 5 ft.

Each 35c.

- 11655 **Surprise.** New Single Dahlia. A striking and sensational flower. The color is a brilliant carmine with a lemon-chrome ring at the center, the whole being striped and splashed deep oxblood red. Flowers of large size.

Each 35c., doz. \$3.50.

## Collarette Dahlias

This form, which consists of a collar formed of small petals and usually of a contrasting color, appears around the disc. Recent introductions of newer colors and combinations of colors such as are not known in any other flower are now offered.

- 12010 **Achievement.** This phenomenal creation is the largest Collarette Dahlia in existence—a perfect wonder, especially distinguished for its perfection and unsurpassing qualities. The flower is a clear, rich velvety maroon; collarette, a beautiful snowy white, very daintily overlaid with a delicate shade of pinkish crimson. The remarkable contrast of the above combination of color, together with its ideal form and profusion of flowers, secures for this variety a supreme place in the Dahlia world.

Each 35c., doz. \$3.50.

- 12050 **Exposition de Lyon.** Deep scarlet with fine yellow tip, collar narrow and white suffused lavender and washed crimson. 3½ ft.

Each 35c., doz. \$3.50.

- 12084 **MME. E. POIRIER.** Deep purple suffused with lighter shades which give it a violet blue effect; collar petals white. The nearest approach to a blue. 4 ft.

Each 50c., doz. \$5.00.

- 12120 **Maurice Rivoire.** The best of the entire collection. A massive flower of a dark crimson with a heavy pure white collar. 3½ ft.

Each 25c., doz. \$2.50.

- 12197 **SOUVENIR BERBARDEAU.** Purple red, collar white.

Each 35c., doz. \$3.50.

- 12200 **Virginia Lee.** New Collarette Seedling. It is a very free-flowering variety, with long stems. In color, a deep velvety carmine, edged sulphur-yellow; collarette, pale sulphur-yellow.

Each 50c., doz. \$5.00.

## Pompon Dahlias

This class produces small, very double-quilled flowers, which are ideal for bouquet work.

Collection of the following varieties, one each, separately marked. \$2.50.

- 10410 **Aleroine.** Delicate pink tinted lilac. 3½ ft.

Each 25c., doz. \$2.50.

- 10500 **AMBER QUEEN.** Rich, clear amber, shaded apricot. 4 ft.

Each 25c., doz. \$2.50.

- 10505 **Bobby.** Plum color. One of the best.

Each 25c., doz. \$2.50.

- 10530 **CLARISSA.** Pale primrose. 4 ft.

Each 25c., doz. \$2.50.

- 10610 **Grauss Am. Wein.** Crushed strawberry; a very compact flower of extra fine quality. 3 ft.

Each 25c., doz. \$2.50.

- 10640 **JESSICA.** Yellow or amber, edged red. 4 ft.

Each 25c., doz. \$2.50.

- 10645 **Little Belle.** A clear rosy pink throughout.

Each 25c., doz. \$2.50.

- 10660 **MARS.** Bright scarlet. 3½ ft.

Each 25c., doz. \$2.50.

- 10700 **Nerissa.** The plant is of ideal habit and always loaded with flowers of perfect form and of that beautiful shade of lively mauve that appeals to every one and that shows up so fine under artificial light. 4 ft.

Each 25c., doz. \$2.50.

- 10705 **Pride.** Very deep crimson scarlet. A model of perfection in shape.

Each 25c., doz. \$2.50.

- 10730 **SIBYL.** Yellow, edged bright scarlet. 4 ft.

Each 25c., doz. \$2.50.

- 10735 **SNOWCLAD.** Small white; very free. 3 ft.

Each 25c., doz. \$2.50.

- 10750 **ZERLINA.** Bright crimson maroon. 4 ft.

Each 25c., doz. \$2.50.



# BEDDING PLANTS

Ready for shipment during May and June.

Bedding Plants shipped by express only. Prices subject to change without notice.

**AGERATUM.** Flowers forming in heads and blooming continuously all Summer. Valuable for borders and edgings. **Doz. \$1.75, 100 \$12.00.**

**Blue Perfection.** Dark blue. Dwarf.

**Mexicanum.** Medium.

**Stella Gurney.** Tall.

**ALYSSUM, SWEET.** One of the best known annuals; used extensively for bordering and edging, also valuable for cutting. Flowers from early Summer till late Fall. **Doz. \$1.00, 100 \$8.00.**

**ASTERS.** **Doz. 50c., 100 \$3.50.**

**American Late Branching.** White, pink, crimson, light blue, dark blue. **Doz. 50c., 100 \$3.50.**

**ANTIRRHINUM.** (Snapdragon.) One of the finest flowers for cutting in existence, bearing long spikes of gorgeously colored flowers. **Doz. \$1.50, 100 \$12.00.**

**BEGONIA.**

**Mad. Chatelaine.** Rose colored. **Doz. \$2.50.**

**CALADIUM esculentum.** (Elephant's Ear.) Grows 3 to 5 ft. high with handsome leaves often 3 ft. long and 20 in. wide. **Each 40c.**

**CALENDULA.** Large, disc-like double flowers borne in profusion from June to November.

**Orange King, Lemon Queen.** **Doz. \$1.50, 100 \$10.00.**

**CASTOR OIL BEAN.** Half-hardy annuals with ornamental foliage, making fine center plants for large beds of Cannas. **Doz. \$2.00.**

**COBÆA scandens.** One of the best annual climbers, attaining a height of 15 ft. Flowers bell-shaped, about 3 in. in diameter. **Doz. \$2.50.**

**COCKSCOMB (Celosia), Plumosa.**

Crimson.

Golden yellow.

**Doz. \$1.50, 100 \$10.00.**

**COLEUS.**

**Golden Bedder.** Yellow. 1 ft. **Doz. \$1.25, 100 \$8.00.**

**Verschaffeltii.** Red. 1 ft.

**COSMOS.**

**Early-flowering.** Assorted. **Doz. \$1.25, 100 \$8.00.**

**DRACÆNA.**

**Indiva.** This variety is used as a center plant for vases and window boxes.

**FUCHSIA.** Assorted varieties.

**Each 25c.-50c.**

**HELIOTROPE.** Blue.

**Doz. \$2.00, 100 \$15.00.**

**IVY.**

English.

German.

**Each 50c.**

**Each 25c., doz. \$2.00.**

**LEMON VERBENA.**

**Doz. \$2.50.**

**LOBELIA.**

**Crystal Palace compacta.** Dwarf. Dark blue. 4 in. **Doz. \$1.50, 100 \$10.00.**

**erinus gracilis.** Dark blue, trailing. **Doz. \$1.50, 100 \$10.00.**

**MARIGOLD.**

**Mammoth African.**

**Doz. \$1.50, 100 \$10.00.**

**Dwarf French.**

**Doz. \$1.50, 100 \$10.00.**

**PANSY.**

**Triumph Exhibition Strain of Choicest Colorings**  
In baskets of mixed varieties. **Each 60c.**

**PETUNIA.**

**Giants of California.** **Doz. \$2.50, 100 \$18.00.**

**Double.** Assorted colors. **Doz. \$2.50, 100 \$18.00.**

**Single Rosy Morn.** Bright rosy pink, white throat. **Doz. \$1.50, 100 \$10.00.**

**PHLOX.**

**Drummondii.** Dwarf. Assorted.

**Doz. \$1.25, 100 \$9.00.**

**SALPIGLOSSIS.** The funnel-shaped flowers are borne on long, slender stems, in the rich velvety shades of yellow, crimson and purple. **Doz. \$1.75, 100 \$12.00.**

**SALVIA.** (Scarlet Sage.) **Doz. \$1.50, 100 \$12.00.**

**SCABIOSA.** (Mourning Bride.) Assorted. **Doz. \$1.25.**

**VERBENA.** (Boston Mammoth.) **Doz. \$1.50.**

**VINCA, or PERIWINKLE.**

Variegated leaf. Trailing.

**Each 35c.-50c.**

**ZINNIA.**

**grandiflora.**

Dwarf.

**Doz. \$1.25, 100 \$10.00.**

## GERANIUMS

**Each 35c., doz. \$3.00.**

**Alphonse Ricard.** Handsome, perfectly formed, semi-double flowers of a bright vermilion scarlet.

**Beaute Poitevine.** Enormous flowers of a light salmon-pink, double, semi-dwarf.

**Jean Viaud.** Brilliant rose-pink, shading to a distinct white throat; double; dwarf.

**Mrs. Lawrence.** Satiny salmon-pink tinged with white; double, dwarf.

**Paul Crampel.** Bright vermilion scarlet; single; a strong grower.

**S. A. Nutt.** Dark red; double. Considered one of the best bedders.

**Mme. Salleroi.** Foliage bright green edged with pure white; dwarf, compact grower.

**Ivy-Leaved.** Useful for baskets and window boxes.

## CANNAS

**Pot-Grown. Each 25c., doz. \$2.50.**

**Beaute Poitevine.** Green foliage, large, dark crimson flowers. 3½ ft.

**Charles Henderson.** Green foliage, flowers deep crimson, with flame-yellow throat. 4 ft.

**David Harum.** Bronze foliage, brilliant vermilion. 3½ ft.

**Gladiator.** Green foliage, flowers large crimson. 4½ ft.

**King Humbert.** Bronze foliage, flowers large, bright orange, scarlet streaked with crimson. 5 ft.

**Pillar of Fire.** Green foliage, flowers bright crimson-scarlet. 6 ft.

**Queen Charlotte.** Green foliage, flowers deep rich crimson. 3 ft.

**Richard Wallace.** Green foliage, flowers large, pure yellow. 4 ft.

**West Grove.** Green foliage, flowers large, shell-pink. 5 ft.

**Wyoming.** Bronze foliage, flowers velvety orange. 6 ft.

## Canna Bed Collections

**COLLECTION A, Round Bed, 10 ft. across, 37 plants.**  
Set 18 in. apart. **Complete, \$6.50.**

For center, 19 plants, tall bronze leaf, red flowering.

For border, 18 plants, green leaf, yellow flowering.

Our selection of varieties, regular sized plants.

**COLLECTION B, Round Bed, 10 ft. across, 46 plants.**  
**Complete, \$5.00.**

For center and first row, 7 plants, tall, yellow flowering, green-leaved Cannas.

For second row, 12 red-flowering, bronze-leaved Cannas.

For border, 27 yellow-leaved Coleus.

Set the Cannas 18 in. apart, Coleus 12 in. apart.

**COLLECTION C, Round Bed, 7 ft. across, 25 plants.**

**Complete, \$3.00.**

For center, seven tall, green-leaved, yellow-flowering Cannas. For outside row, 18 Salvia.



## HYBRID PERPETUAL ROSES

Owing to the shortage of Roses this season we reserve the right to substitute similar varieties for any kinds that we are unable to supply, unless otherwise instructed.

We recommend shipping small orders of Roses by Parcel Post and to all points in New England, we will be pleased to forward your order in this manner for an additional remittance as follows: 10c. for 1 to 3 Roses, 14c. for 4 to 6, 16c. for 7 to 9, 20c. for 10 to 12. Pot grown Roses by express only.

## The Boston Collection

Anna de Diesbach  
Baron de Bonstetten  
Captain Hayward

Clio  
Frau Karl Druschki  
General Jacqueminot

M. P. Wilder  
Mrs. John Laing  
Magna Charta

Prince Camille de Rohan  
Soleil d'Or  
Ulrich Brunner

The above twelve choice hardy perpetual Roses, \$9.00.

## Dormant Plants Each \$1.00, Doz. \$10.00.

- ALFRED COLOMB.** Rich red, very large and globular, free blooming and fragrant.  
**AMERICAN BEAUTY.** Deep rose, very large, globular form; bad opener in dull weather.  
**BARON DE BONSTETTEN.** Velvety maroon, shaded with deep crimson.  
**BARONESS ROTHSCHILD.** Very beautiful pale rose; superb form; splendid foliage. One of the handsomest popular Roses. Excellent late variety.  
**CAPTAIN HAYWARD.** Scarlet crimson; long, smooth petals; good form, large, sweet-scented.  
**CLIO.** Flesh color, shaded in the center with rosy pink; large and of fine form.  
**DUKE OF EDINBURGH.** Very bright vermilion; extra large and full.  
**EARL OF DUFFERIN.** Rich velvety crimson, shaded with maroon; large, finely-shaped flower.  
**EUGENE FURST.** The flower is a beautiful shade of velvety crimson, with distinct shading of crimson maroon.



Paul Neyron Rose

- FISHER HOLMES.** Magnificent scarlet, shaded with deep velvety maroon; brilliant and large.  
**FRAU KARL DRUSCHKI.** Undoubtedly the finest pure white Rose in existence. Color a pure snow white, very long buds, shell-shaped petals opening to very large flowers. A continuous and exceedingly free bloomer.  
**GEORGE ARENDS, or PINK FRAU KARL DRUSCHKI.** A pink form of the popular white rose, Frau Karl Druschki; it is large, full and deliciously scented; a remarkable bloomer.  
**GENERAL JACQUEMINOT.** Too well known to require lengthy description. It still holds first place among the dark red Roses, and is one of the most satisfactory to grow.  
**HUGH DICKSON.** Flowers are large, full and perpetual; color brilliant crimson, shaded with scarlet.  
**JOHN HOPPER.** A distinct variety of very easy culture. Color is a bright rose, the reverse of the petals being pale lilac. Very large and double.  
**LOUIS VAN HOUTTE.** Deep crimson shaded maroon, vivid and distinct; large, full-formed leaf.  
**MAGNA CHARTA.** A general favorite, prized on account of its strong, upright growth and bright, healthy foliage, as well as for its magnificent bloom. Color bright pink.  
**MARGARET DICKSON.** A magnificent Rose; white, with pale, flesh center; petals very large, shell-shaped and of very great substance; fragrant.  
**MME. GABRIEL LUIZET.** Light silvery pink; grand flower; free bloomer; fragrant; hardy plant.  
**MME. PLANTIER.** Pure white; early Summer bloomer.  
**MRS. JOHN LAING.** Soft pink; large; fine form; a good grower; abundant bloomer late in season.  
**MRS. R. G. SHARMAN-CRAWFORD.** Clear rosy pink, the outer petals shaded with pale flesh. Very free flowering, and one of the best.  
**M. P. WILDER.** Of vigorous growth, with healthy foliage; flowers large, semi-globular, full, well-formed, cherry carmine; very fragrant. It continues to bloom long after the other hybrids.  
**PAUL NEYRON.** The largest-flowered in cultivation and one of the most prolific bloomers; color deep, clear rose; very fresh and attractive.  
**PRINCE CAMILLE DE ROHAN.** Deep velvety crimson maroon, full and of superb form. Generally considered to be the best of the dark Roses.  
**SOLEIL D'OR.** A vigorous straight-branching variety with buds of a lovely yellow, opening to large, full flowers from 3 to 4 inches in diameter and of a color varying from orange-yellow to a ruddy gold, shaded with nasturtium red.  
**ULRICH BRUNNER.** Cherry crimson; large size; fine form; effective in the garden or for exhibition; a good forcing Rose; semi-double; it blooms early and continuously.

We can supply the following varieties in pot grown plants for delivery the last of May at \$1.50 each.

Anna de Diesbach (Shell pink)  
Geo. Dickson (Dark crimson)  
Hugh Dickson  
Prince Camille de Rohan

Frau Karl Druschki  
General Jacqueminot  
Jubilee (Bright red)  
Ulrich Brunner



# HYBRID TEA ROSES

Owing to the shortage of Roses this season we reserve the right to substitute similar varieties for any kinds that we are unable to supply unless otherwise instructed.

Field-grown, each \$1.00, doz. \$10.00.

We can supply pot grown plants the latter part of May of varieties marked (P), each \$1.50, doz. \$15.00.



Madam Edouard Herriot—(The Daily Mail Rose)

We recommend shipping small orders of Roses by parcel post, and to all points in New England, we will be pleased to forward your order in this manner for an additional remittance as follows: 10c. for 1 to 3 Roses; 14c. for 4 to 6; 16c. for 7 to 9; 20c. for 10 to 12.

**BRITISH QUEEN.** Creamy white, of good size and superb form; globular yet pointed; petals reflexing as it opens; blooms on slender, stiff stems; very free and fragrant.

**CAPTAIN CHRISTY.** Delicate flesh color, deepening in shade toward the center; medium size, sometimes large; full; ill-shaped flowers are not uncommon, but it is a most lovely sort when in perfection.

**CHATEAU DE CLOS VOUGEOT.** Deep velvety crimson; full and free.

**COUNTESS OF GOSFORD.** Salmon pink, suffused saffron yellow.

**ECARLATE.** Very brilliant scarlet; full, free; medium size.

**EDWARD MAWLEY.** (P) Deep purplish-crimson; dark blackish-crimson when fully opened.

**ETOILE DE FRANCE.** (P) Velvety crimson, center red cerise, fine, long bud; free flowering.

**GEN. MACARTHUR.** (P) Brilliant, glowing crimson scarlet a splendid Rose and much admired.

**GENERAL SUPERIOR ARNOLD JANSSEN.** (P) Large globular flowers of deep glowing carmine. A free-blooming sort that is especially valuable for cutting.

**GORGEOUS.** Glowing orange-yellow deeply veined with brick red. A strong, vigorous free-branching habit. A fine bedding Rose.

**GRUSS AN TEPLITZ.** (P) Few varieties have such a profuse blooming habit. They flower from early June until frost kills the buds. Of especial value as a bedding variety. Color scarlet, shading to velvety crimson; very fragrant.

**HOOSIER BEAUTY.** Deep, glowing crimson with darker shadings; large, beautifully formed flowers carried on vigorous, branching stems.

**HENRIETTA.** Fiery orange crimson, changing to coral salmon.

**J. B. CLARK.** Intense deep scarlet, heavily shaded blackish-crimson. Very large full flower with immense petals. Very vigorous grower.

**KAISERIN AUGUSTA VICTORIA.** (P) The blooms are large, full and globular. The color is beautiful creamy white. Fragrant and a free bloomer.

**KILLARNEY BRILLIANT.** Flower is somewhat larger and a more brilliant pink than the parent Killarney.

**KILLARNEY.** (P) Soft pink. Buds long and pointed. Because of its popularity this variety is well known.

**KILLARNEY WHITE.** A white sport of the well-known "Killarney," with all the prominent and desirable qualities of that variety. Flowers large and pure white.

**LYON ROSE.** A lovely combination of orange-yellow, shading to reddish gold.

**LADY HILLINGDON.** Deep golden yellow in color, the finest and most highly colored of all the yellow Roses.

**LADY BATTERSEA.** Crimson pink, with orange yellow.

**MME. ABEL CHATENAY.** (P) The flowers are large and full with broad petals gracefully recurved. The color is a lovely carmine-rose shaded with salmon.

**MME. CAROLINE TESTOUT.** (P) Very large flowers of great beauty. The broad petals are a bright satiny-rose.

**MRS. CHARLES BELLE.** A sport of Radiance, shell pink in color.

**MRS. CHARLES RUSSELL.** Bright rose-pink deepening toward the center. The blooms are large, globular and of fine form when fully developed. The bush is strong, sturdy, of branching habit, and very productive.

**MADAME JULES GROLEZ.** One of the best; a beautiful satiny-china rose color, very bright and attractive; flowers of large size, very double, of good form and remarkably free flowering.

**MME. EDOUARD HERRIOT.** (P) The Daily Mail Rose. Coral red buds opening to semi-double medium sized flowers of coral red, shaded with yellow and bright rosy-scarlet. An extraordinary rose.

**MME. LEON PAIN.** (P) The inside of petals are velvety-salmon with salmon pink on the outside.

**MRS. WAKEFIELD CHRISTIE MILLER.** Large, globular, pæony-formed blooms of pleasing bright pink, shaded with lighter pink.



**OPHELIA (P).** Considered one of the best Roses of its color. The blooms are large and full, of a light salmon-flesh color with yellow at the base of the petals. Erect habit, with long stiff stems.

**PRINCE E. C. DE ARENBERG.** Brilliant scarlet with darker shading.

**PRINCE DE BULGARIE.** Deep rosy flesh, shaded with salmon; large, full.

**PHARISAER.** Rosy white with pretty, soft salmon shadings, the long, well-formed buds opening into large, double flowers of splendid form. A most satisfactory garden Rose and one that is worthy of extensive planting.

**QUEEN BEATRICE.** Large, globular flowers of dark rosy red.

**RADIANCE (P).** An erect strong growing Rose producing an abundance of large rosy carmine flowers, suffused pink and yellow, coppery red. One of the leading Roses of this color.

**RED LETTER DAY.** An exceedingly beautiful, semi-double Rose. Its velvety, brilliant, glowing scarlet-crimson buds and fully opened, cactus-like flowers never fade.

**SOUVENIR DU PRESIDENT CARNOT.** This variety has fine, long, graceful buds on rigid stems. The flowers are large, globular in form, and of exquisite rosy color, shaded with white at the edge of the petals.

**SUNBURST (P).** Orange-copper and golden yellow. A magnificent free-blooming variety, especially handsome in bud form.

## How to grow Roses

Select a sunny location in the open, southern exposure preferred, sheltered, if possible, from north winds.

**Prepare Beds** by using good soil and cow or well rotted horse manure. Old sod well cut is also beneficial. Beds should be at least 2 ft. in depth.

### Planting

Budded Roses have much stronger roots, and show by an abrupt offset where the bud was inserted and the stock cut off. When transplanted, this junction must be set **3 or 4 in. below the surface** of the ground. This favors the formation of new roots from the budded or top portion and greatly lessens the tendency of the roots to send up suckers, which must never be permitted to grow. The roots must not be exposed to frost nor allowed to become dry. The soil should be firmly compressed about the roots, and most of the top should be cut away before planting. If the soil and weather be dry, a good soaking of water may be applied, and then shade the ground and plants with mulching.

**Pruning.** This should be regulated by the habit of growth, the weak shoots cut in closely, the strong left longer. Hybrid Perpetual, grown to produce flowers for exhibition, require close pruning before the middle of April, the weak shoots being cut close back, and the strong ones to 5 or 6 eyes. If less is cut away the number of blooms will be larger, but the size of the flowers will be smaller.

**Watering.** In dry weather water is of much benefit. When water is given, it should be in sufficient quantity to reach the lower roots, and to prevent its quickly drying out. A mulch on the surface is very useful.

**For Winter protection,** draw the soil 1 ft. high about the plants, or even more, if convenient. Manure can be put on for additional protection. It need not be rotted; green will answer just as well, and can be covered under in the Spring.

**Insect Pests and Fungous Diseases.** The kind of spray depends upon the particular insect or disease to be controlled. There is no panacea. The preparations for blights and mildews must be used as preventives before they actually appear and poisons ought to be applied while the leaf-eaters are small and few in number. The young are more easily killed than the old bugs. Plant lice can be killed by contact alone.

We reserve the right to substitute similar varieties for any kind that we are unable to supply

**TIPPERARY.** Soft golden yellow.

**VISCOUNTESS FOLKSTONE (P).** The flowers are very large, perfectly formed, and open well; their color is creamy white, passing to salmon-pink and are slightly darker in the center than at the petal edges.

**WILLOWMERE.** Carmine coral-red bud, opening to a rich pink shaded yellow in the center and toning to carmine-pink at the edge of the petals.

**WINNIE DAVIS.** Apricot-pink, shading to flesh-pink. Flowers well formed, full, fragrant and freely produced.

**WHITE TESTOUT (P).** Same as Mad. Caroline Testout, but white instead of pink.

**LOS ANGELES.** Truly a magnificent Rose in vigor of growth, color, form, fragrance and in fact, in everything required of a first-class Rose. The color is a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. The buds are long and pointed and they expand into an intensely fragrant, beautiful flower of large size. **Each \$1.75.**

**COLUMBIA.** A new Rose of a delicate peach-pink, shading to a deeper pink in the center; practically thornless and a very luxuriant grower. **Each \$1.75.**

## F. F. R. Collection Hybrid Tea Roses

Etoile de France  
Gen. Sup. Arnold Janssen  
Gruss an Teplitz  
K. A. Victoria  
Killarney  
Lyon

Mme. Abel Chatenay  
Mme. Caroline Testout  
Mme. Edouard Herriot  
Ophelia  
Radiance  
White Testout

Price \$9.50

**POT-GROWN ROSES** can be planted at any time during the Summer. If you cannot attend to the planting of dormant Roses in April and May you will have excellent results with our pot-grown Roses for later plantings.

We can supply pot plants of varieties marked (P).



White Killarney



## HARDY CLIMBING ROSES



Rose, Dorothy Perkins

## New Climbing Rose, Paul's Scarlet Climber

A brilliant, vivid scarlet, which is maintained from bud until the petals fall, makes this Rose a most valuable addition to the list of climbing Roses. Medium in size, semi-double, in clusters of from three to six flowers each, the plants are literally covered with blossoms. A strong growing and hardy climber. One year \$1.00 each, two year \$1.75 each, small plants in pots \$1.50 each.

**AVIATEUR-BLERIOT.** Makes clusters of perfectly double, medium-sized, fragrant blooms, of rich, deep, saffron-yellow, deepening in the center to copper or golden yellow. Foliage is so shiny it seems glazed and is insect- and disease-proof. **Each \$1.00.**

**Climbing American Beauty.** Same as its namesake in size, color and fragrance, with the addition of the climbing habit, better blooming qualities, good foliage and has proven hardy. **Each 75c.**

**American Pillar.** Flowers are borne in clusters, which are followed in the Autumn by brilliant red seed, making it exceedingly attractive at all seasons of the year. The flowers are large, single and of a chaste shade of pink, with bright yellow stamens in the center. **Each 75c.**

**CHRISTINE WRIGHT.** A very strong climbing Rose with large, thick, leathery green foliage, which is proof against mildew or black-spot. The flower is a bright, clear wild-rose pink,  $3\frac{1}{2}$  to 4 inches in diameter, double, borne singly and in clusters. **Each \$1.00.**

**Crimson Rambler.** Bright crimson flowers borne in immense clusters during June and July. **Each 60c., doz. \$6.00.** Extra strong, **Each 80c., doz. \$8.00.** Pot grown, **Each \$1.25.**

**Dorothy Perkins.** Countless clusters of double pink flowers of a most beautiful shade. Strong, selected dormant plants. **Each 60c., doz. \$6.00.** Selected, extra strong, bushy. **Each 80c., doz. \$8.00.** Pot-grown. **Each \$1.25.**

**WHITE DOROTHY PERKINS.** This Rose has all the characteristics of its famous parent, except that the flowers are pure white. A splendid acquisition to the Rambler family of Roses. **Each 75c., doz. \$7.50.**

We recommend shipping small orders of Roses by parcel post, and to all points in New England we will be pleased to forward your order in this manner for an additional remittance as follows: **10c.** for 1 to 3 Roses, **14c.** for 4 to 6, **16c.** for 7 to 9, **20c.** for 10 to 12.

**Dr. W. Van Fleet.** The color is a remarkably delicate shade of flesh-pink on the outer surface, deepening to rosy flesh in the center. Flowers full and double, delicately perfumed, buds pointed; stems 12 to 18 in. long; fine for cutting. **Each 75c.**

**Excelsa.** Very vigorous in growth, with dark, glossy foliage. The flowers are very double, produced in large trusses of thirty to forty blooms; color a crimson maroon, tips of petals tinged with scarlet. **Each 60c., doz. \$6.00.**

**Flower of Fairfield.** The Everblooming Crimson Rambler. Of the numerous recent introductions, this stands foremost as a crimson-flowered Rambler, and the fact that it is a perpetual bloomer makes it exceedingly popular. Flowers bright crimson, more brilliant than the common Crimson Rambler. **Each 75c., doz. \$8.00.**

**Hiawatha.** A single-flowering variety of great beauty. In color it is brilliant ruby carmine, with a white eye. Strong, vigorous grower. **Each 75c., doz. 18.00.**

**Silver Moon.** Clear silver-white with bright yellow stamens; large, fragrant flowers; growth vigorous and free blooming. **Each \$1.00.**

**Tausendschön.** It has the same vigorous habit of growth as the other Ramblers, making growths in a season of over 10 ft. which are almost devoid of thorns. Bears immense clusters of flowers, a soft pink when opening, changing to carmine rose on the reverse as they fully expand. Extra strong two-year-old plants. **Each 75c., doz. \$8.00.**



Boston Ivy. *Ampelopsis Veitchii*

## Hardy Climbing Vines



Hall's Honeysuckle

**ACTINIDIA arguta.** A strong-growing Japanese vine, with rather large leaves; flowers white with purple center. **Each 75c.**

**AKEBIA quinata.** Very graceful, handsome, hardy, fine foliage, purple flowers and ornamental fruit. **Each 75c.**

**AMPELOPSIS Engelmannii.** Similar to quinquefolia, but with small and more dense foliage. **Each 75c.**

**AMPELOPSIS quinquefolia.** (Common Woodbine, or Virginia Creeper.) A vigorous, high-climbing vine of rapid growth, foliage rich crimson in Autumn. **Each 50c. Doz. \$5.00.**

**AMPELOPSIS Veitchii.** (Japan, or Boston Ivy.) A hardy and very useful climber, clinging firmly and covering walls densely; the green foliage turns a brilliant orange and scarlet. **Ea. 60c., Doz. \$6.00, pot grown \$1.00 ea., \$10.00 per doz.**

**ARISTOLOCHIA Sipho.** (Dutchman's Pipe.) A native species of climbing habit and rapid growth; magnificent, very large green foliage; brownish pipe-shaped flowers. **Each \$1.75.**

**ARISTOLOCHIA Tomentosum.** Similar to the above, but with smaller leaves and a finer growth. **Each 75c.**

**BIGNONIA radicans.** (Trumpet Vine.) A hardy high-climbing plant with large, scarlet, trumpet-shaped flowers. **Each 60c., Doz. \$6.00.**

**CELASTRUS scandens.** (Bitter Sweet, or Roxbury Wax-work.) A native climber with glossy leaves; fruit orange and crimson. **Each 60c., doz. \$6.00.**

**CLEMATIS Henryi.** Robust plant, free-bloomer, creamy-white flowers. **Each \$1.00. Pot grown, \$1.60.**

**CLEMATIS Jackmannii.** Velvety purple, with ribbed bar down the center. **Each \$1.00. Pot grown, \$1.60.**

**CLEMATIS paniculata.** This is the most common of all the Fall-blooming climbers, is best suited to a sunny situation; flowers pure white and fragrant, perfectly hardy.

**First Size. Ea. 75c., doz. \$7.00; pot-grown, ea. \$1.00.**

**Monster Roots. . . . . Each \$1.00., doz, \$10.00.**

**HONEYSUCKLE, Lonicera brachypoda, var. Halleana.** (Hall's Evergreen Honeysuckle.) Vigorous grower; fragrant yellow and white flowers from mid-Summer until frost. **Each 60c., doz. \$6.00. Pot grown, each, \$1.00.**

**HONEYSUCKLE, Scarlet Trumpet.** Scarlet and inodorous; blooms during Summer; very handsome. **Each 60c.**

**KUDZU VINE.** An extremely fast-growing vine, with immense leaves and bearing small racemes of rosy-purple pea-shaped flowers toward the close of August. **Each 50c., doz. \$5.00.**

**MATRIMONY VINE, var. Lycium chinense.** A woody climber, bearing pale pink blooms and red fruit. **Each 60c.**

**WISTARIA chinensis.** (Chinese Wistaria.) A hardy, tall-growing climber with pale green foliage and foot long clusters of purplish, pea-shaped flowers. Blooms in May. **Ea. 75c.**

*Bignonia radicans*





## HARDY PERENNIAL PLANTS

Plants are shipped (purchaser paying charges) by express. If wanted by Parcel Post add 5c. each to single price for small quantities. Add 10 per cent. to dozen price for delivery east of Mississippi River and 20 per cent. to dozen price for delivery west of Mississippi River.

The size mentioned in the descriptions indicates the approximate height that the plant may be expected to attain at maturity. The months represent the season of bloom.

Prices of Perennials, except where otherwise noted, 30c. each, \$3.00 per dozen, \$18.00 per 100.

### Collection of Perennials

Twelve varieties: Our Selection.....\$2.00.  
Twenty-five varieties: Our Selection.....\$4.00.

Fifty plants; 20 varieties: Our Selection.....\$7.75.  
One hundred plants: Our Selection.....\$16.00.

**ACHILLEA Ptarmica**, "The Pearl." Small double-white flowers in open heads, blooming profusely all Summer. 2 ft.

**ACONITUM Napellus**. (Monkshood.) Dark blue flowers hooded in dense heads from July to September. 3 ft. See page 129.

**Napellus album**. Pure white-hooded flowers.

**Napellus bicolor**. Flowers blue and white.

**Wilsonii**. A variety that flowers almost through the entire Summer; blossoms, violet blue. 4 ft.

**ALYSSUM saxatile compactum**. (Madwort.) (Basket of Gold, Gold Tuft, Rock Madwort.) An indispensable plant for the rockery or border, growing 1 foot high and producing early in the Summer masses of broad, flat heads of bright yellow flowers.

**ANEMONE japonica**. The varieties of Anemone japonica are among the most beautiful of our hardy perennials, flowering about the first of August and continuing till frost. They are at their best in September, and at that time they are the most attractive plants in the garden. They are quite hardy and will stand our New England Winters fully as well as any other perennials.

**alba**. Flowers pure white, with prominent yellow stamens. Flowers produced on long stems.

**Prinz Heinrich**. Of dwarf, compact habit, with very large, semi-double dark red flowers.

### ANEMONE—(Continued)

**Queen Charlotte**. A very beautiful semi-double variety, light pink in color.

**Whirlwind**. A semi-double form of *A. alba*. Of the same habit of growth, but more free flowering.

**AQUILEGIA chrysantha**. (Golden Spurred Columbine.) Flowers are a pure golden yellow with long spurs. Very fragrant and one of the best of the Columbines. June to September. 3 ft.

**chrysantha alba**. A white-flowering form of above.

**cærulea**. (Rocky Mountain Columbine.) Large violet-blue and white flowers with long spurs. 2 to 3 ft.

**cærulea alba**. A pure white form of *Cærulea*.

**Long-spurred Varieties**. A selected strain of immense flowers in all the brilliant shades.

**ARABIS alpina**. (Rock Cross.) Charming white flowers in Spring. Dwarf, free flowering; adapted for rock-gardens and borders. 6 in.

**ARMERIA maritima**. (Cushion Pink.) Deep crimson flowers on stiff stems during the Summer, above evergreen tufts of foliage. 1 ft.

**ASCLEPIAS tuberosa**. (Butterfly Weed.) Flowers are a bright orange and are borne in terminal flat clusters. Will succeed best on dry soil. June to September. 2 ft.



**HARDY ASTERS** (Michaelmas Daisies). These are very handsome and useful. They flower at a time when few hardy plants are in bloom.

**Arturens.** Bright red. Aug. to Oct. 3 ft.

**Climax.** The largest deep blue variety. 4 ft.

**ericoides.** White with yellow center. October and November. 3 ft. Flowers small; free flowering.

**Lady Trevellyan.** Large, pure white flowers; quite early. 3 to 4 ft.

**longiflora formosissima.** Dense head of rosy purple flowers of medium size. 3 ft.

**Madonna.** The best late pure white. 3 ft.

**novæ-angliæ.** (New England Aster.) Violet-purple large flowers. Sept. and Oct. 4 ft.

**novæ-angliæ roseus.** Rosy crimson. Late.

**novæ-angliæ rubra.** Deep red. 5 ft.

**tataricus.** Purple. 6 ft. Sept. and Oct.

**BLEEDING HEART.** See Dicentra.

**BOLTONIA latisquama.** Very showy pink flowers fine for cutting. August and September. 4 to 5 ft.

## Campanula (Bluebells)

**Medium.** (Canterbury Bells.) Old-fashioned hardy biennials that rank among the most popular of our garden plants, growing to a height of 2½ to 3 ft. Flowers large, bell-shaped, produced in June and July. **Single Blue, Lavender, Mauve, Rose, White.**

**medium calycanthema.** (Cup and Saucer.) **Blue, White and Rose.**



Aconitum Napellus

**carpatia.**

(Harebell.)

A dwarf, compact-growing variety with blue, bell-shaped flowers. June to September.

**carpatia**

**alba.** A

white variety of the above.

**persicifolia grandiflora.** Large, purple, bell-shaped flowers during June and July, and borne on a spike 3 to 3½ ft. high.

**persicifolia grandiflora alba.** A pure white form of above.



DIME

Anemone japonica

## Hardy Chrysanthemums

### EARLY FLOWERING

**Alice Howell.** A rich shade of orange-yellow.

**Border Beauty.** Orange, petals tipped with gold.

**Cranford's Pink.** Large, rose-pink.

**Carrie.** Deep yellow.

**Eden.** Rose-pink, very choice.

**Etoile d'Or.** Large, bright yellow.

**Eva.** Delicate pink; early.

**Firelight.** Large red, touched with orange.

**Glory of Seven Oaks.** Large, brilliant yellow.

**L'Argentullaise.** Medium height, a good red.

**Mrs. F. Collier.** Best pure white; dwarf.

**Nina Blick.** Golden bronze in bud, changing to yellow; dwarf.

**Normandie.** Large delicate pink, almost white; medium dwarf.

**Oconto.** Japanese variety; white, large flowers.

**Old Homestead.** Soft pink.

**Skibo.** Clear yellow pompon.

**Source d'Or.** Large brilliant orange.

**Wells' Scarlet.** Reddish terra cotta, large flowered; dwarf.

### HARDY POMPON

**Brown Bessie.** Mahogany brown (small button).

**Chatillonnaise.** Large light yellow.

**Excelsa.** Small yellow.

**Favorite.** Rosy-pink.

**Julia.** Orange-scarlet.

**Klondike.** Deep brilliant yellow.

**Minta.** Mid-season, shell-pink, free flowering.

**Model.** Light yellow pompon.

**Niza.** Button type, deep pink, early dwarf.

**Quinola.** Large flowers, golden yellow, stiff stems.

**Snowclad.** Pure white.

**Tennyson.** Light pink.





Coreopsis lanceolata

**CHRYSANTHEMUM Leucanthemum.** (Shasta Daisy.) Very large, Daisy-like flowers, often measuring 4 in. across. Three or more rows of petals of the purest white and borne on single, stiff stems. In bloom from July to frost. 2 ft.

**maximum.** Flowers large; petals pure white, center yellow and often overlapping. Continues in bloom all Summer and is perfectly hardy.

**COREOPSIS grandiflora.** Handsome yellow flowers with brown center. Considered by many to be the best Coreopsis we have.

**lanceolata.** A superb variety for cutting. Flowers are golden yellow and fully 3 in. in diameter. Very profuse bloomer. June to frost. 2 ft.

## Delphinium (Larkspur)

**Belladonna.** Beautiful, clear blue, with white eye; dwarf habit, free flowering, blooming all Summer.

**Chinese album.** A pure white Larkspur bearing flowers in open heads. Grows about 3 ft. high.

**Chinese azureum.** A delicate, clear blue form of above.

**Formosum.** The most popular and considered by many the best of the Larkspurs. Flowers are a deep blue, having a white eye, and are produced on long spikes. 4 ft.

**DIANTHUS barbatus.** (Sweet William). Assorted Colors. One of the finest and best known of our old garden plants. Flowers of the most brilliant colors and borne in heads quite profusely.

**D. plumarius** (Grass Pink). Pink. 1 foot. May and June. Fragrant flowers with fringed petals.

**DICENTRA spectabilis.** (Bleeding Heart.) Blooms in May and June, and has long, graceful racemes of rosy-red flowers, with protruding white inner petals.

Each 60c., doz. \$6.00.

**DICTAMNUS Fraxinella.** (Gas Plant.) Fragrant foliage and showy terminal racemes of light red flowers. June and July. 3 ft.

**Fraxinella alba.** A pure white form of the above.

**DIGITALIS.** (Foxglove.) Old-fashioned hardy biennial plants with broad foliage and showy flowers borne on spikes. June and July.

**FUNKIA (Hosta) undulata variegata.** Green leaves margined and edged white. Fine for borders and edging.

**subcordata grandiflora.** Large white flowers, borne in heads. Foliage green, pointed; sweet scented. 18 in. August and September.

**GAILLARDIA grandiflora.** One of the showiest of perennials. Ray flowers ranging from red to yellow, around a dark maroon center. 3 ft. June to frost.

**GYPSOPHILA paniculata.** (Baby's Breath.) Minute white flowers borne in enormous quantity in open panicles during Summer months. Valuable for cutting.

**HELENIUM autumnale superbum.** Large, yellow flowers, with drooping rays borne in immense panicles. 6 to 7 ft. July to September.

**autumnale rubrum.** A variety of the above with bright terra cotta red flowers.

**HEMEROCALLIS. flava.** (Lemon Day Lily.) Fragrant yellow flowers in June. Grows 2 feet high with flowers on long stems for cutting.

**fulva.** (Orange Day Lily.) This old-fashioned flower is one of the hardiest. It will do in full sun or in the shade of deciduous trees, and is not particular as to soil if not too wet.

**HIBISCUS, Crimson Eye.** Large, showy white flowers, with a crimson-purple eye. August and Sept. 6 to 7 ft.

**militaris.** Large, light pink flowers, crimson center. July to September. 5 to 6 ft.

**Moscheutos albus.** (Swamp Mallow.) Beautiful, large, white flowers in August and September. 3 to 4 ft.

**Moscheutos roseus.** A pink form of above and one of the handsomest large-flowering perennials.

**HOLLYHOCK.** (Althæa rosea.) The large assortment of colors and shade make it one of the most attractive of all biennials. 5 to 6 ft. July-August.

**CHATER'S PRIZE DOUBLE.** This strain, without doubt, is the equal of any other in range of color, perfection of form and percentage of double flowers.

**Flesh Color, Pure White, Red, Bright Rose, Deep Maroon, Sulphur Yellow.**

**SINGLE.** In separate colors. **Bright Rose, Flesh Color, Maroon, Red, Sulphur Yellow, White.**

**Mammoth Alleghany Hollyhock.** A grand flower seldom less than 4 in. in diameter and of very transparent texture.



Japanese Iris



**IBERIS sempervirens.** (Hardy Candytuft.) The perennial Candytufts are evergreen, form dense masses of pretty foliage and are covered with clusters of fragrant white flowers early in the Spring. April, May. 10 in.

## Japanese Iris (*Iris Lævigata*)

Order by number. Each 35c., doz. \$3.50, 100 \$22.00

1. Double white.
2. Double purple.
3. Single deep violet with gray veining.
4. Single violet-red flowers. Foliage narrow; fine for massing.
5. Double deep blue or royal purple with white markings.
6. Single, blue gray with yellow throat.
7. Single, gray overlaid with violet veining.
8. Single, red-violet veined gray, yellow throat.
9. Double, violet-red.
10. Single, reddish-purple.
11. Double, bright violet.
12. Double, white with yellow throat.
13. Double, pure white.
14. Double, purple, veined white.
15. Double, white, veined rose.
16. Double, royal purple, late.
17. Double, deep purple.
18. Double, very light blue, white center.
19. Double, white, penciled blue, purple center.
20. Double, bluish purple, veined white.
21. Double, clear purplish blue.

**LOBELIA cardinalis.** (Cardinal Flower.) Long, dense spikes of handsome rich cardinal-red flowers. Often 10 to 18 of these spikes. Bloom in August and September. 3 to 4 ft.

**LUPINUS polyphyllus.** (Lupin.) Deep blue pea-shaped flowers on long spikes. June to September. 2 to 3 ft.

**polyphyllus albus.** Pure white.

**LYCHNIS chalcidonica.** (Maltese Cross.) Brilliant scarlet flowers in close heads. June to September. 3 ft.

**MONARDA didyma.** (Beebalm.) Bright scarlet, extremely showy flowers in terminal heads. July to September. 2 to 3 ft.

**PLATYCODON grandiflora.** (Balloon Flower.) Pretty blue bell-shaped flowers blooming from July to September. Sometimes classed as a Campanula. Will thrive in any good garden soil. 2½ ft.



*Platycodon grandiflora*

## German Iris (*Iris Germanica*)

The German Iris begins flowering about the middle of May and continues in bloom nearly four weeks, when they are succeeded at the middle of June by the Japanese Iris.

**Adonis.** Standard, clear yellow; falls, primrose, freely veined and tipped madder red. 18 in.

**Albino.** Standard, pale lavender; falls, tipped with royal purple. 18 in.

**Black Prince.** Standard, purplish lilac; falls, rich velvety black.

**Chameleon.** Standard, delicate blue; falls, tipped a little darker.

**Charlotte Patty.** Standard, golden yellow; falls, lightly veined blue.

**Fairy Queen.** Standard, lavender; falls, tipped and reticulated violet. 22 in.

**Florentina alba.** Producing large, fragrant white flowers 2 ft.

**Garrick.** Standard, light blue; falls, a darker violet blue.

**Lilacina.** Small flowers. White and mottled.

**Madam Chereau.** White feathered edges of sky blue; free flowering; very beautiful. 32 in.

**Madam de Brabant.** Standard, lavender; falls, purple streaked.

**Dalmatica.** Standard, lavender; falls, lavender tinged purple; flowers very large and fine. 40 in.

**Pauline.** Standard, light blue; falls, slightly darker; flowers large.

**Queen of May.** A lovely soft rose lilac, almost pink; a very beautiful shade. 32 in.



*Paeonia festiva maxima*

Six or more plants of any one variety at the dozen rate; twenty-five at the rate per hundred





Hardy Phlox

## Hardy Phlox

Varieties marked (T) grow 3 ft.; (M) grow 2 ft.; (D) grow 1 to 2 ft.

- Annie Cook.** T. Flesh pink.  
**Astrild.** T. Brilliant carmine, shaded deeper toward center.  
**Baron von Dedem.** M. Brilliant scarlet red; in large trusses.  
**B. Conte.** M. French purple; one of the best dark flowered varieties.  
**Boule d'Feu.** T. Cherry red.  
**Couquelicot.** M. Orange scarlet; crimson center.  
**Elizabeth Campbell.** M. Bright salmon with pink center.  
**Europa.** T. White with crimson eye.  
**F. G. von Lassburg.** M. Large white.  
**General von Heutz.** M. Brilliant salmon-scarlet, white center.  
**George A. Strohlein.** T. Dark red.  
**Goliath.** T. Crimson scarlet; very tall.  
**Hermine.** D. White; the most dwarf variety. Fine for borders.  
**J. H. Slocum.** T. One of the best crimson Phlox.  
**Jeanne d'Arc.** T. Pure white; late.  
**Le Caid.** M. Pink; darker eye.  
**Mme. Paul Dutrie.** T. Delicate soft pink.  
**Mrs. Jenkins.** M. Best early white.  
**Paul Herriot.** M. Pale pink, shading to center.  
**Peach Blow.** M. Pale pink, shading lighter toward edge.  
**Prosper Henry.** M. Large white; bright crimson eye.  
**Rheinlander.** M. Salmon with red eye.  
**Richard Wallace.** T. Pure white; violet-rose center.  
**Rynstroom.** T. Deep rose, very large.  
**R. P. Struthers.** T. Scarlet pink, dark eye.  
**Selma.** T. Delicate, soft pale pink, with distinct red eye.  
**Siebold.** T. An improved Couquelicot, very large.  
**Thor.** M. Deep salmon pink with red eye.  
**Tragedie.** M. Brilliant carmine with blood-red eye.  
**Wanadis.** T. Violet with reddish purple eye.  
**W. C. Eagan.** M. Soft pink, very large flowering.

Collection, one each of 25 different named varieties, (our selection) \$5.75.

## PAEONIES

- Albert Crousse.** Large, very full, flesh-pink center shaded clear pink; late. \$1.00.  
**Alsace-Lorraine.** Flat flowers of creamy white; petals pointed, giving a Water Lily effect. Free bloomer. \$2.00.  
**Asa Gray.** Large compact flower; flesh color sprinkled with carmine. Midseason. \$1.25.  
**Baroness Schroeder.** Flesh color, changing quickly to white; creamy center. \$1.50.  
**Charlemagne.** Very pale salmon rose; late. \$1.25.  
**Couronne d'Or.** Large, pure white, showing golden stamens when in full bloom. \$1.00.  
**Duchess de Nemours.** Cup-shaped bloom, sulphur white. \$1.00.  
**Eugene Verdier.** Delicate flesh color at center, outside petals silvery pink. \$1.00.  
**Festiva Maxima.** Pure waxy white with occasional flecks of crimson on the center petals. .75c.  
**Felix Crousse.** Brilliant red with flame center. \$1.00.  
**Kelway's Queen.** Rose pink, fragrant. \$3.00.  
**La Rosiere.** Light sulphur-yellow, deeper at center. Fragrant. \$1.50.  
**La Tulipe.** Tulip-shaped buds of bright pink, streaked crimson. \$1.00.  
**Marechal Vaillant.** Immense blooms of crimson borne on long stems. \$1.00.

- Mme. Crousse.** Large, pure white flowers, slightly flecked with crimson. \$1.50.  
**Mme. Ducel.** Rose-pink, with silvery reflex. \$1.00.  
**Mme. Lemoine.** Soft flesh white of large size. \$1.50.  
**Officinalis rubra.** Old-fashioned deep red. Early. \$1.25.  
**Perfection.** Very large bright pink. Fragrant. \$1.50.  
**Rosa Bonheur.** Large flowers in clusters, fleshy pink, rather dwarf variety. \$2.50.  
**Rubra superba.** Dark crimson. Late. Fragrant. \$1.00.  
**Sarah Bernhardt.** Very delicate, flesh pink. \$4.00.

The following varieties 50c. each, \$5.00 per doz.

- Delachie.** Crimson.  
**Duke of Wellington.** Large, satiny white flowers.  
**Edward Simmons.** Rosy crimson.  
**General McMahon.** Deep violet pink.  
**Grandiflora rosea.** Deep pink; early.  
**Jean d'Arc.** Pale lilac rose shading to lighter at center.  
**L'Elegante.** Pink, center shaded to blush, rose scented.  
**Louis Van Houtte.** Carmine crimson flowers, good form.  
**Mme. Coste.** Early, flesh pink shading to white at center.  
**Pio Nonl.** Deep red.  
**Plutarch.** Deep crimson, stamens yellow; large.  
**Prince Charles.** Rich cerise rose, center tinted salmon.

- PYRETHRUM roseum hybridum.** Single flowering in shades of pink, lavender, red and yellow; mixed colors.  
**RUDBECKIA, Golden Glow.** Flowers beautiful golden yellow and very double. June till Fall. 6 to 8 ft.  
**SCABIOSA caucasica.** Pale lilac flowers about 3 inches across, blooming throughout the Summer. 2 ft.  
**SEDUM spectabile.** Handsome rose-colored flowers in immense heads, during late Fall.

- STOKESIA (laevis) Cyanea.** (Cornflower Aster.) Large, deep blue flowers, from August to October.  
**Cyanea alba.** Same as above only pure white.  
**TRITOMA Pfitzeri.** (Kniphofia uvaria grandis.) A superb variety, very free blooming. Color a rich brilliant orange; medium height; Summer till Fall.  
**VALERIANA officinalis.** Old-fashioned garden Heliotrope, lavender flowers, June and July. 4 ft.





Hardy  
Ferns  
for  
Many  
Places



## Hardy Ferns

The following collections are made up to help in selecting for special needs, and should be sent by express or freight

If to be planted in beds, the height as given after each kind would indicate where it should go; if in beds where they are to be seen from all sides, the tall kinds in the center; but if in an angle of the house or wall, plant the taller kinds the farthest back, 8 inches or a foot from the wall, and the smaller kinds in front.

### No. 1, \$6.00. For Open Sun Culture

This collection is desirable for the open border, and all the Ferns, being rather tall, can be grown as single specimens or for massing, with or without flowers.

- 6 *Onoclea Struthiopteris*, 2 to 4 ft.
- 6 *Osmunda Claytoniana*, 2 to 3 ft.

- 24 *Dicksonia punctilobula*, 1 to 2 ft.
- 6 *Asplenium Filix-fœmina*, 2 to 3 ft.

### No. 2, \$6.00. For Dry, Shady Places

These Ferns will grow in a dry, shady place. Plant them where flowers, as a rule, do not thrive.

- 12 *Aspidium achrostichoides*, 1 ft.
- 12 *Aspidium marginale*, 1 to 2 ft.

- 12 *Dicksonia punctilobula*, 1 to 2 ft.
- 6 *Osmunda Claytoniana*, 2 to 3 ft.

### No. 3, \$6.00. For Moist, Shady Places

This collection is fine and easily handled in moist, shady places; also for large rockery.

- 6 *Adiantum pedatum*, 1 ft.
- 6 *Aspidium cristatum*, 1 ft.
- 6 *Aspidium achrostichoides*, 1 ft.
- 6 *Aspidium spinulosum*, 1 to 1½ ft.

- 6 *Asplenium thelypteroides*, 2 to 3 ft.
- 6 *Asplenium filix-fœmina*, 2 to 3 ft.
- 6 *Phegopteris hexagonoptera*, 1 ft.
- 6 *Woodwardia virginica*, 2 ft.

- 6 *Aspidium marginale*, 1 to 2 ft.

### No. 4, \$6.00. For Wet, Open Ground

These Ferns are very useful for border of a lake or low, wet ground.

- 12 *Aspidium Thelypteris*, 1 ft.
- 12 *Onoclea sensibilis*, 1 ft.

- 12 *Osmunda regalis*, 2 to 3 ft.
- 12 *Woodwardia virginica*, 2 ft.

### No. 5, \$6.00. Low Evergreen Ferns for Rockery in Shade

This is a beautiful collection of low-growing Ferns and easily managed.

- 12 *Asplenium ebeneum*, 6 to 15 in.
- 12 *Asplenium Trichomanes*, 3 to 6 in.

- 12 *Polypodium vulgare*, 4 to 10 in.
- 6 *Woodsia obtusa*, 6 to 12 in.

- 12 *Camptosorus rhizophyllus*, 4 to 9 in.

### No. 6, \$6.00. Low Evergreen Ferns for Dry, Rocky Ledge

- 12 *Asplenium Trichomanes*, 3 to 6 in.
- 12 *Woodsia obtusa*, 6 to 12 in.

- 12 *Polypodium vulgare*, 4 to 10 in.
- 12 *Woodsia Ilvensis*, 6 in.

You will notice that some kinds are named in more than one collection. Such seem to thrive equally well in the localities named.





Dwarf Evergreens, "The year around bedding plants"

## Evergreen Trees

The splendid advantages resulting from a judicious planting of evergreens are many, and no grounds are complete without them. They aid materially in giving color to the landscape in Winter; are useful for making windbreaks and hedges and for screening unsightly objects from view. The dwarf varieties are used very extensively for foundation plantings where their variety of foliage, shape and color gain their favor as an all the year plant.

The botanical names of Trees, Shrubs, etc., in this catalogue conform to the 1917 Official Code of Standardized Plant Names, adopted and published by the American Joint Committee on Horticultural Nomenclature and as first published in Volume VI of Bailey's Standard Cyclopaedia of Horticulture.

### ARBORVITÆ. *Thuja*

The Arborvitæ, many of which are of upright habit, do not grow to great heights and are very appropriate for small lawns as well as large areas. Being generally hardy and of vigorous habit, they adapt themselves to varied soils. Their neat appearance and soft fern-like foliage, make them useful for grouping, bedding, and formal effects. The tall growing varieties make a splendid background for shrubbery and perennial plantings.

**American Arborvitæ.** (*T. occidentalis*.) A fast growing, pyramidal tree with light green foliage. Very useful for hedging and screening as well as for ornamentation. 2-3 ft. \$1.00, 3-4 ft. \$2.00, 4-5 ft. \$3.00, 5-6 ft. \$5.00.

**George Peabody Arborvitæ.** (*T. occidentalis aurea*.) A variety of the above with golden foliage. 1½-2 ft. \$1.50.

**Globe Arborvitæ.** (*T. occidentalis globosa*.) Very dwarf and compact; grows naturally into a rounded, almost ball-like form, that makes it useful in groups, for specimens, vases or for formal planting about garden walks, etc. 12 in. \$1.25, 15 in. \$1.75, 18 in. \$2.50.

**Pyramidal Arborvitæ.** (*T. occidentalis pyramidalis*.) Similar to American Arborvitæ, but more dense in habit, and retains its lustrous green color all Winter. It is of the same columnar habit, adapting it for formal planting; also suitable for lawn specimens, evergreen groups and hedges. 1½-2 ft. \$1.25, 2-3 ft. \$2.00, 3-4 ft. \$3.00.

**Siberian Arborvitæ.** (*T. occidentalis Wareana*.) Of a slower and bushier growth than the American variety. Very hardy and holds its dark green color through the Winter. 18 in. \$1.50, 2 ft. \$2.00, 2½ ft. \$2.50.

### FIR. *Abies*

Most Firs are quick growing, of pyramidal habit, hardy, and most useful when planted in groups or as individual specimens.

**Niko Fir.** A native of the mountains of Japan, this tree promises to be one of the best for planting here. Extremely hardy. 1½-2 ft. \$2.50, 2-3 ft. \$3.75, 3-4 ft. \$5.00

**Rocky Mountain Fir.** (*A. concolor*.) One of the hardest and most beautiful evergreens. Tree of graceful and stately habit with large, broad, silvery green foliage. 1½-2 ft. \$2.00, 2-2½ ft. \$3.00, 2½-3 ft. \$4.00, 3-4 ft. \$5.00.

**Veitch's Silver Fir.** (*A. Veitchii*.) A magnificent tree with lustrous green needles above, while the under surface is silvery white, causing the tree to glisten beautifully in the sunlight. Scarcely any other evergreen presents an effect similar to this. Of rather rapid growth and suited best for planting in the open lawn. 3-4 ft. \$4.50.

### HEMLOCK. *Tsuga*

**Canadian Hemlock.** (*T. canadensis*.) A broadly pyramidal, medium-sized tree of dense growth, with rich green foliage. Branches thickly set, with more or less pendulous tendency, giving a particularly graceful effect to the whole. Choice as a lawn tree or for hedges, succeeding in all except particularly bleak situations.

2 ft. \$2.25, 2½ ft. \$3.50, 3 ft. \$4.50, 4 ft. \$5.50.

### JUNIPER. *Juniperus*

A group remarkable for their varied forms, habits, and color of foliage. Thriving under a wide range of conditions of soil and exposure, they adapt themselves readily to most purposes. The dwarf and spreading types are indispensable for foundation plantings as well as rockeries, while the taller growing sorts lend themselves to more formal plantings.

**Blue Cedar.** (*J. virginiana glauca*.) A favorite for specimen work. Foliage silver gray, holding its color throughout the year.

2-3 ft. \$3.00, 3-4 ft. \$4.00, 4-5 ft. \$5.00.

**Chinese.** (*J. chinensis*.) Bluish-green foliage, very dense, interspread with silvery white. One of the best Junipers in growth and appearance. 2-3 ft. \$2.25, 3-4 ft. \$4.00.

**Greek Juniper.** (*J. excelsa stricta*.) A dwarf evergreen of compact, conical growth. Color, beautiful glaucous green, changing in early Winter to steel grey. One of the finest evergreens for Winter window box decorations.

10-12 in. 75c., 12-15 in. \$1.00.

**Grey Carpet Juniper.** (*J. Sabina tamariscifolia*.) A prostrate variety with fern-like foliage. Excellent for rockwork or wherever a dwarf spreading plant is desired.

12-18 in. spread \$1.50, 18-24 in. spread \$2.25.

**Pfitzer's Juniper.** (*J. chinensis Pfitzeriana*.) Grows to a fair sized plant, with branches spreading nearly horizontally as broad as tall. Foliage bluish green.

18-24 in. \$3.00, 4 ft. \$7.00.



## JUNIPER—Continued

**Red Cedar.** (*J. virginiana*.) Medium habit. Foliage in summer bright green, changing to a bronzy hue in Winter. 2-3 ft. \$1.50, 3-4 ft. \$2.50, 4-5 ft. \$4.50.

**Savin Juniper.** (*J. Sabina*.) A tree with spreading habit. Foliage dark green. Excellent for grouping.

12-18 in. \$1.50, 18-24 in. \$2.25.

**Scott's Juniper.** (*J. virginiana Scottii*.) A distinct variety of pyramidal habit, with peculiar bright green foliage. Hardy and fine form. 3-4 ft. \$4.50.

**Swedish Juniper.** (*J. communis suecica*.) A slender, columnar form with glaucous green foliage. Valued for formal work and for grouping with other evergreens to contrast habit and color. 12-18 in. \$1.00, 18-24 in. \$1.50

**Trailing Juniper.** (*J. communis prostrata*.) Low growing bush of prostrate habit with light glaucous foliage. Useful for rock gardens, or as a foreground plant in evergreen groupings. 12-15 in. \$1.00, 18-24 in. \$1.75.

**Golden Trailing Juniper.** (*J. communis aurea*.) A golden form of the above. 12-15 in. spread \$1.75.

PINE. *Pinus*

The hardiness of the Pine is unexcelled. Thriving equally well in high and low lands, on poor and good soil, the tall growing varieties can be planted freely in groups, windbreaks, and screens; while the dwarf varieties are essential in border and foundation plantings.

**Austrian Pine.** (*P. nigra austriaca*.) A robust tree of rapid growth. Stiff, long green needles in pairs. Very good for seaside planting as it stands exposure well.

2-3 ft. \$2.75, 3-4 ft. \$4.00.

**Dwarf Mountain Pine.** (*P. montana Mughus*.) A low growing bushy evergreen with dark green foliage. One of the hardiest. Useful in rockeries or grouping.

12-15 in. \$1.50, 15-18 in. \$2.00, 18-24 in. \$2.50.

**Red Pine.** (*P. resinosa*.) A handsome tree with long lustrous green needles. 2-3 ft. \$1.75, 3-4 ft. \$2.50.

**Scotch Pine.** (*P. sylvestris*.) A strong grower, with spreading branches and short, stiff, bluish green needles. Splendid for mass plantings, screens, shelter belts and seashore use. 2-3 ft. \$1.50, 3-4 ft. \$2.50.

**Swiss Stone Pine.** (*P. Cembra*.) A hardy, slow growing tree of distinct conical habit, having grayish blue needles growing three to four inches in length in groups of fives. Makes a beautiful specimen for places where a tree of medium size is wanted. 2 ft. \$3.50.

**White Pine.** (*P. strobus*.) One of best native Pines. Thrives on sandy soil. 2-3 ft. \$1.25, 3-4 ft. \$1.75.

RETINISPORA. *Chamaecyparis*

**Filifera.** Long pendulent thread-like branches of a consistent green. 18-24 in. \$2.50.

**Pisifera plumosa.** The main stems are erect, the side shoots assume a plume-like arrangement giving a feathery appearance. 18-24 in. \$1.50, 2-2½ ft. \$2.50.

**Pisifera plumosa aurea.** A golden form of the above. 18-24 in. \$1.50, 24-30 in. \$2.50.



*Pinus cembra*. Swiss Stone Pine

SPRUCE. *Picea*

This well known family of Evergreens are of great hardiness and usefulness, thriving in most any location and soil except a wet one. They are similar to the Firs in appearance, but easily distinguished by the drooping cones and four-angled spine-tipped leaves.

**Colorado Spruce.** (*P. pungens*.) The original form of the now famous Colorado Blue Spruce. The foliage of this tree is occasionally quite blue, but mostly a light green. It is a strong, hardy grower in almost any soil. 2-2½ ft. \$2.50, 2½-3 ft. \$3.50.

**Colorado Blue.** (*P. pungens glauca*.) Form of *Picea pungens*, with the same general character, but the foliage is of an exceedingly rich, silvery blue. Very valuable and handsome. 2-2½ ft. \$3.00, 2½-3 ft. \$4.00, 3-4 ft. \$6.00, 4-5 ft. \$8.50, 5-6 ft. \$12.00, 6-7 ft. \$15.00.

**Koster's Grafted Blue Spruce.** (*P. pungens Kosteri*.) The bluest of blue Spruces. The most remarkable and conspicuous of all conifers for ornamental planting. 1½-2 ft. \$4.00, 2½ ft. \$5.00, 3 ft. \$6.00, 3½ ft. \$7.50, 4 ft. \$9.00, 5 ft. \$12.00, 6 ft. \$15.00, 7 ft. \$18.00.



Koster's Blue Spruce, one of the best Evergreens for specimen planting





*Taxus cuspidata brevifolia.* The hardiest of the Yews

SPRUCE—Continued

**Englemann's Spruce.** (*P. Englemannii*.) A tall tree of slender habit, growing native in the Rocky Mountains. The foliage is of a dull blue or green color. The needles are shorter than the Blue Spruce. **2-3 ft. \$3.00.**

**Norway Spruce.** (*P. excelsa*.) This familiar Spruce is more generally used than any of the others. It is a rapid grower, does well in most soils, and withstands the bleak, cold winds of Winter. They make splendid windbreaks. If planted as hedges and sheared they become impenetrable, and as good for this purpose as any evergreen. One of the most inexpensive evergreens.

**18 in 75c., 2 ft. \$1.00, 3 ft. \$1.50,  
4 ft. \$2.00, 6 ft. \$3.50, 6 ft. \$4.50.**

age. A very hardy variety. Grows well in partial shade.

**White Spruce.** (*P. alba*.) Habit similar to the Norway Spruce; distinguished by its attractive grayish blue color. A hardy species of quick growth, especially suited for coast and New England plantings.

**18 in. \$1.00, 2 ft. \$1.25, 3 ft. \$1.50,  
4 ft. \$2.00, 5 ft. \$4.00, 6 ft. \$5.50.**

**Douglas Spruce.** (*Ps. Douglasii*.) Looks like a Spruce, but is botanically different. The habit is regular and symmetrical. The growth is rapid, thus adapting the tree to screen and mass plantings. It is very hardy.

**2-3 ft. \$2.50, 3-4 ft. \$3.50.**

All Evergreens will be balled and burlapped with the soil adherent to the roots. Our prices include boxing and packing.

**F. F. R. Collection Dwarf Evergreens for Foundation Plantings**

(10 VARIETIES \$12.50).

**Globe Arborvitæ.** 12-15 in.  
**Pyramidal Arborvitæ.** 2 ft.  
**Siberian Arborvitæ.** 18-24 in.

**Savin Juniper.** 15 in.  
**Golden Trailing Juniper.** 12-18 in.  
**Trailing Juniper.** 12-15 in.  
**Retinispora plumosa aurea.** 18 in.

**Canadian Yew.** 12-15 in.  
**Japanese Yew.** 18 in.  
**Dwarf Mountain Pine.** 15 in.



Foundation plantings of Dwarf Evergreens are always effective



## Evergreen Shrubs

This type of plants should be planted more freely. Their evergreen foliage enlivens the bareness of deciduous trees and shrubs in Winter and their fondness for shade is a desirable quality, for it enables their use in many places which are seldom planted.

### HOLLY-LEAVED BARBERRY. *Berberis ilicifoli*

Large, dark green Holly-like leaves, adherent until well into the Winter. Very attractive for its Fall coloring. 12 in. each 75c.

### BOXWOOD. *Buxus*

This popular plant whose glossy green foliage is always fresh, is widely used for edging formal gardens and for tub specimens. We can supply bushes and standard forms, in many sizes and shapes. Prices on application.

### EUONYMUS

**Radicans.** This plant combines many good qualities. It is useful on rocky banks and for bordering beds of evergreens. A good substitute for Boxwood as an edging plant and a fine ground cover for shady places. Each 50c., doz. \$5.00.

**Radicans variegata.** A variety of the above with silvery-white variegated leaves. Each 60c., doz. \$6.00.

**Radicans vegeta.** The leaves are often an inch wide. Red berries similar to those of the Bitter-sweet are produced in November, lasting nearly all Winter. Each 60c., doz. \$6.00.



Standard Box



Pyramidal Box

### GARLAND FLOWERS. *Daphne Cneorum*

This variety is as worthy of notice as the Trailing *Arbutus*. It is a little rosette of evergreen foliage bearing clusters of pink flowers in May and June and again in late Summer. Each 75c.

### MOUNTAIN LAUREL. *Kalmia latifolia*

Few broad-leaved evergreens are as beautiful in foliage and none can excel in beauty its exquisite flowers.

15-18 in. \$1.50, doz. \$15.00.

### LEUCOTHOE (Andromeda) *Catesbæi*

A choice native evergreen shrub of great beauty. Foliage shining green in Summer turning a beautiful purple in the Fall; especially useful in damp and shaded situations. 12-15 in. each \$1.50.

### YUCCA *Filamentosa*

This may be classed as a perennial or a broad-leaved evergreen. In Summer it sends up broad spikes 4 to 7 ft. high of numerous white flowers and in Winter it is a mound of broad, sharp-pointed leaves. Each 60c.

## Hardy Hybrid Rhododendrons

The gorgeous display that this class of plants makes in May is known to most persons.

Red, Pink, Crimson, Purple, Lavender, White  
15-18 in., each \$3.50; 18-24 in. each \$4.50;  
24-30 in. \$5.50; 30-36 in. \$6.50.

### RHODODENDRON *maximum*

A native variety, the foliage being about twice the size of other sorts. Flowers pink and white.

18 in. each \$2.75; 24 in. each \$3.50;  
30 in., each \$4.00; 36 in. each \$5.00.

### RHODODENDRON *catawbiense*

A native variety, of close growing form with handsome foliage and large, deep rose flowers. Price same as **maximum**.



A mass planting of Hardy Rhododendrons



# Ornamental Deciduous Trees



*Cornus florida alba*

## ASH. *Fraxinus*

**White.** (*F. americana*.) A splendid, tall-growing tree. Foliage dark green above and silvery beneath. 8-10 ft. \$1.75, 10-12 ft. \$2.50.

## BEECH. *Fagus*

**Fern-leaved.** (*F. sylvatica asplenifolia*.) Medium sized tree with beautiful fern-like foliage. 3 to 4 ft. \$4.00.

**Purple.** (*F. sylvatica purpurea*.) The finest of all purple leaved trees; crimson foliage early in the Spring, changing to dark purple in the Summer. 3-4 ft. \$3.00.

**Weeping.** (*F. sylvatica pendula*.) The main stem and branches droop in a graceful, picturesque manner. 3-4 ft. \$4.50.

## BIRCH. *Betula*

**Canoe.** (*B. papyrifera*.) A native American tree of large size. Leaves large; bark silvery white. 6-8 ft. \$1.50, 8-10 ft. \$2.00.

**Cut Leaf Weeping.** (*B. alba pendula laciniata*.) Probably the most graceful of weeping trees. Leaves finely cut. 6-8 ft. \$2.00. See page 139

**Sweet or Black.** (*B. lenta*.) Trunk dark reddish brown; young bark aromatic; leaves heart-shaped. 8 ft. \$2.00.

**European White.** (*B. alba*.) A quick growing tree with spray-like branches and silvery bark. 6-8 ft. \$1.50, 8-10 ft. \$2.00.

## CATALPA

**Western Catalpa.** (*C. speciosa*.) A very rapid growing tree with large heart-shaped leaves; fragrant blossoms of purple and white produced in clusters a foot long. See illustration. 6-8 ft. \$1.50.

**Bungei.** A dwarf tree, with a compact head of large, glossy, heart-shaped leaves. Useful for formal effects. See page 139. 2-year heads \$2.50, 3-year heads \$4.00.

## CERCIDIPHYLLUM

**Japonica.** A tree of pyramidal form; leaves heart-shaped and purplish when young. Prefers damp soil. 4-5 ft. \$1.50, 5-6 ft. \$2.00.

## CRAB. *Malus*

**Bechtel's Double-flowering Crab.** (*M. ioensis Bechteli*.) A medium-sized tree bearing delicate pink, double flowers; very fragrant. 2-3 ft. \$1.25, 3-4 ft. \$2.00.

## DOGWOOD. *Cornus*

**White Flowering.** (*C. florida*.) A small tree of irregular habit; produces large showy white flowers in May before the leaves appear. Valuable for its Fall coloring which is dark red; fruit scarlet. 2-3 ft. \$1.00, 3-4 ft. \$1.50.

**Red Flowering.** (*C. florida rubra*.) The flowers are similar to the white form, but are a bright pink. 2-3 ft. \$1.50.



Lombardy Poplar



*Catalpa speciosa*

The prices in this catalogue cover all packing costs and are f. o. b. our shipping point. Twelve trees of one variety will be supplied at the each price per ten.



**ELM. Ulmus**

**American.** (U. americana.) Lofty and spreading with drooping branches. A tree of strong growth.

8-10 ft. \$1.75, 10-12 ft. \$2.50, 12-14 ft. \$4.00.

**English** (U. campestris.) Tall growing, spreading tree of erect, compact habit. Leaves remain green longer than the American Elm. 8-10 ft. \$2.00, 10-12 ft. \$3.00.

**HAWTHORNE. Cratægus**

**Double White.** (C. Oxycantha alba plena.) A desirable variety with good foliage; flowers double white.

Each \$1.50.

**Paul's Double Scarlet.** (C. Oxycantha fl. pl. pauli.) Flowers of a deep crimson and very double. Each \$1.50.

**HORSE CHESTNUT. Æsculus**

**European White.** (A. Hippocastanum.) A compact handsome tree; foliage appears early in the season. Large white flowers tinged with red. 8 to 10 in. long.

6-8 ft. \$2.50, 8-10 ft. \$4.00.

**Red Flowering.** (A. carnea.) Flowers red. 6-8 ft. \$3.50.

**JUDAS. Cercis**

**American.** (C. canadensis.) Fine native tree of medium size. Twigs are covered with reddish-purple flowers before the foliage appears in May. 3-4 ft. \$1.25.

**LARCH. Larix**

**European.** (L. europæa.) A quick growing tree, with light green needle-like leaves. 4-5 ft. \$1.50.

**LINDEN. Tilia**

**American.** (T. americana.) A vigorous tree with large dark green foliage. 8-10 ft. \$2.00, 10-12 ft. \$3.00.

**European.** (T. vulgaris.) Pyramidal shaped tree of large size. Very desirable. 8-10 ft. \$2.00.



Catalpa Bungei

**MAGNOLIA**

**Soulangeana.** One of the hardiest. Flowers pure white with purple at the base of petals. \$6.00.

**Stellata.** Dwarf species, with pure white semi-double flowers before the foliage appears in April. Very fragrant. \$7.00.

**MAIDENHAIR TREE. Ginkgo**

**Salisburia** (G. biloba.) A remarkable tree from Japan, combining in its habit characteristics of the conifer and deciduous tree. The tree is of medium size and rapid growth; beautiful fern-like foliage, in shape resembles somewhat a Maidenhair Fern, hence the name.

8-10 ft. \$2.00, 10-12 ft. \$3.00.

**MAPLE. Acer**

**Norway.** (A. platanoides.) A large handsome tree, with round spreading head; broad dark green foliage. Very hardy. 8-10 ft. \$1.75, 10-12 ft. \$2.25, 12-14 ft. \$2.50, 14-16 ft. \$3.50.

**Rock, or Sugar.** (A. saccharum.) A taller growing tree than the Norway. In the Fall the leaves turn to orange and crimson. 8-10 ft. \$1.75, 10-12 ft. \$2.50.

**Schwedler.** (A. platanoides Schwedleri.) Leaves bright red when young, turning to dark purplish green. A desirable lawn tree.

6-8 ft. \$1.75, 8-10 ft. \$2.50, 10-12 ft. \$4.00.

**Silver.** (A. dasycarpum.) The most rapid growing Maple. Deeply cut leaves, the under surface silvery. Does well in damp soil. 8-10 ft. \$1.50, 10-12 ft. \$2.00.

**Sycamore.** (A. pseudoplatanus.) Quick growing tree, spreading form, dark green foliage.

8-10 ft. \$1.50, 12 ft. \$2.00.

**Weir's Cut Leaf.** (A. das. Wieri.) A beautiful variety with delicately cut leaves and graceful drooping branches. 8-10 ft. \$1.50, 10-12 ft. \$2.00, 12-14 ft. \$3.00.

Larger specimens 4 to 6-in. in diam. \$10.00 to \$30.00.

**JAPANESE MAPLES. Acer palmatum**

**Blood-leaved.** (A. pal. atropurpureum.) A tree of very dwarf habit. Leaves blood red in Spring, changing to dark purple. 12-18 in. \$2.00.



Cut-leaf Weeping Birch



**MOUNTAIN ASH.** *Sorbus European.* (*S. Aucuparia.*) A small tree, bearing clusters of scarlet berries from July to Winter. Very desirable. 10-12 ft. \$2.00, 12-14 ft. \$2.50.

**MULBERRY.** *Morus Tea's Weeping Mulberry.* (*M. alba pendula.*) One of the best small weeping trees, the long, thin branches forming an umbrella-like structure. Thrifty and hardy.

One year heads \$3.00,  
two year heads \$3.50.

**OAK.** *Quercus Pin.* (*Q. palustris.*) The most popular of all the Oaks. The leaves are deep green and finely divided, turning red in the Fall. The branches are drooping. 6-8 ft. \$2.00, 8-10 ft. \$2.75, 10-12 ft. \$3.50.

**Red.** (*Q. rubra.*) A large native tree, with deeply cut, bright green leaves which turn to purplish crimson in Autumn. 6-8 ft. \$2.00, 8-10 ft. \$2.75, 10-12 ft. \$3.50.

**Scarlet.** (*Q. coccinea.*) Takes its name from the brilliant scarlet of its Autumn foliage. Resembles the Red Oak in habit. 6-8 ft. \$2.50.

[ All Oaks should be severely cut back when transplanted.



Tulip Tree



Tea's Weeping Mulberry

**PURPLE LEAVED PLUM.** (*Prunus*). *Pissardii.* A small tree of dwarf habit. The leaves when young are lustrous crimson, changing to a dark purple, retaining this beautiful tint until they drop, late in the Autumn. 4-5 ft. \$1.25.

**POPLAR.** *Populus*

**Carolina.** (*P. deltoides.*) A popular tree where shade is wanted quickly. Foliage is heart-shaped and of bright green color. 8-10 ft. \$1.00, 10-12 ft. \$1.50.

**TULIP TREE**

**Lombardy.** (*P. nigra italica.*) A well known, upright tree of extremely rapid growth. Its branches from the ground and is much used where a tall hedge is wanted for a screen. Valuable also for formal effects. See page 138. 6-8 ft. 75c. doz. \$7.50, 8-10 ft. \$1.00, doz. \$10.00, 10-12 ft. \$1.50, doz. \$15.00, 14-16 ft. \$2.50, doz. \$25.00.

**White.** (*P. canescens.*) Tree of spreading habit. Leaves glossy green above and white beneath. 6-8 ft. \$1.00.

**TULIP.** *Liriodendron*

**Tulip Tree.** (*L. Tulipifera.*) A native tree of rapid growth that thrives in most soils. Tulip-like flowers of a greenish yellow, blotched with orange. 5-6 ft. \$1.50, 6-8 ft. \$2.00.

**VARNISH TREE** *Koelreuteria*

**K. paniculata.** A small growing tree of Chinese origin, with large, pinnate leaves, and orange yellow flowers, borne in masses in July, which cover the tree. A very desirable lawn tree. 3-4 ft. \$1.25, 4-5 ft. \$2.00.

**WILLOW.** *Salix*

**Golden Bark.** (*S. vitellina.*) A handsome tree. Conspicuous at all seasons, but particularly in Winter, on account of its yellow bark. 5-6 ft. \$1.00, 6-8 ft. \$1.50.

**Laurel-leaved.** (*S. pentandra.*) Tree of upright growth. A strong grower at the seashore. 6-8 ft. \$1.00.

**Royal.** (*S. regalis.*) Dwarf habit of growth. Foliage silvery gray. 5-6 ft. \$1.00, 6-8 ft. \$1.25.

**Thurlo's.** (*S. elegantissima.*) A vigorous grower with graceful drooping branches. 6-8 ft. \$1.25.

**Wisconsin.** (*S. blanda.*) A very hardy drooping variety, of great value. 6-8 ft. \$1.25, 8-10 ft. \$1.50.

**YELLOWWOOD.** *Cladrastis*

**Virgilea.** (*C. lutea.*) The bark resembles that of the American Beech, the growth being clean and smooth. Foliage light green, flowers white and pea-shaped, produced in long, pendulous racemes in June, covering the tree. A very hardy and beautiful variety. 6-8 ft. \$2.50.



19 April 21 Golden Bell (Forsythia)	19 May 21 Garland Flower (Daphne cneorum)	19 June 21 Lilac villosa	19 July 21 Snowball Hydrangea Hyd. arbor. grand.	19 August 21 Butterfly Bush (Buddleia)	19 September 21 Sweet Pea Shrub (Desmodium)
19 March 22 Pussy Willow (Salix Caprea)	<b>THE CALENDAR COLLECTION</b> "A Plant for Every Month." 12 varieties \$7.00. Surely every garden should have something of interest throughout the twelve months of the year, whether it be flower, berry, color of bark or foliage, for Nature does offer something of interest during each of the different months. In <b>January</b> , Berberis ilicifolia (Holly-leaved Berberis) a semi-evergreen, the foliage of which closely resembles the favorite holly, changes its color to a bright red-dish green. The brilliant red bark of the Cornus alba, in <b>February</b> , contrasted against the snow of the passing Winter, reminds us of the vitality concealed within its dormant branches. <b>March</b> , the first month of Spring, is always heralded by the bursting out of the small, fur-like catkins along the branches of the Pussy Willow, and during the warm days of <b>April</b> we welcome the bright yellow, star-like flowers of the Golden Bell. The Garland flower, fragrant as the Arbutus with its dainty, pink blossoms, makes its appearance in <b>May</b> , while in <b>June</b> , the month of garden flowers, nothing is more interesting than Lilac villosa with its large panicles of fragrant pink flowers. Hydrangea arborescens with its immense white flower, withstands the heat and dryness of <b>July</b> and should enjoy a place of prominence in the garden, with the lilac-colored flowers of the Butterfly Bush, which follow it in <b>August</b> . The branches of the Desmodium are covered with red and violet blooms in <b>September</b> and with the approach of frost and cold weather, the Fall Chrysanthemums bring charm and cheer to the otherwise flowerless garden during <b>October</b> . The flowering season past, we must turn to the berried plants and the Euonymus alatus and Japanese Barberry offer in <b>November</b> and <b>December</b> their beautiful orange-colored and scarlet fruits.				19 October 21 Hardy Chrysanthemum
19 February 22 Red Dogwood (Cornus alba)					19 November 21 Euonymus alatus
19 January 22 Holly Barberry (Berberis ilicifolia)					19 December 21 Japan Barberry (Berberis Thunbergii)

### CONTINUOUS FLOWERING SHRUB COLLECTION—From Spring until Fall

Forsythia	Large flowered Syringa
Flowering Almond	Hydrangea arborescens
Spiraea prunifolia	Spiraea Frœbelli
Spiraea Van Houttei	Althæa
Deutzia Lemoinei	Hamamelis virginica
Honeysuckle, Tartarian	
Lilac villosa	

12 varieties, 1 each.....\$6.00

### CONTINUOUS FLOWERING PERENNIAL COLLECTION—From Spring until Fall

Phlox subulata	Phlox
Aquilegia	Gaillardia
Pæony	Anemone japonica
Japanese Iris	Aster novæ-angliæ
Hardy Pink	rubra
Hollyhock	Hardy Chrysanthemum
Delphinium	

12 varieties, 1 each.....\$3.50

### HINTS ON TRANSPLANTING

1. Do not allow roots to be exposed to the sun, drying winds, or frost.
2. Prune, with a sharp clean cut, any broken or injured roots.
3. Have the holes dug large enough to admit all the roots without cramping.
4. Plant in fine loam, enriched with thoroughly decomposed manure.
5. Do not allow any green unfermented manure to come in contact with roots.
6. Spread out the roots in their natural position, and work fine loam in among them, making it firm and compact.
7. Do not plant too deep. Let upper roots be set an inch lower than before.
8. Remove all broken branches, and cut back at least one half of the previous year's growth of wood.
9. If the season lacks the usual rainfall, water thoroughly twice a week.
10. After-culture! Keep soil in a good degree of fertility. Mulching the trees in Autumn with manure is beneficial.

### SHRUBS FOR PLANTING IN SHADY SITUATION

Aralia pentaphylla	Myrica (Bayberry)
Berberis	Rhus (Sumac)
Clethra (Pepper Bush)	Symphoricarpos
Cornus alba	Weigela
Forsythia	Viburnum dentatum
Hypericum	Zanthoriza

Collection of 12 varieties, 1 each...\$5.00

### SHRUBS BEARING ORNAMENTAL FRUITS

Berberis	Honeysuckle
Cornus	Rhodotypos
Elæagnus	Sumac
Euonymus	Rosa rugosa
Ilex verticillata	Symphoricarpos
Ligustrum	Viburnum

Collection of 12 varieties, 1 each...\$5.00

### SUGGESTIONS FOR VARIOUS PLANTING PROBLEMS

The following table will be found useful to those who are not familiar with the habits of the many varieties of trees and shrubs, the purpose for which they may be used and the conditions under which they may be grown:

Varieties flowering in May (1), June (2), July (3), August (4), September (5), Low growing (6), Medium growing (7), Tall growing (8), Producing ornamental fruits (9), Producing fruits which attract birds (10), Windbreaks and screen planting (11), Specimen planting (12), Foundation plantings (13), Adapted to wet soil (14), Adapted to light sandy soil (15), Adapted to heavy clay soil (16), Colored bark (17), Fall coloring of foliage (18), Adapted to shady location (19), Variegated or colored foliage (20), Ground cover (21), Street planting (22), Pink flowers (23), Red (24), White (25), Yellow (26), Blue (27), Purple (28), Brown (29).

<b>EVERGREEN TREES</b>	Dogwood, Flowering, 1, 6, 12, 18, 23, 25.	Barberry, Purple, 7, 13, 20.	Japanese Quince, 1, 7, 9, 13, 24.
Arbor Vitæ, 7, 12, 14, 16.	Hawthorn, 1, 7, 12, 24, 25.	Bayberry, 6, 9, 10, 15, 19.	Rasperry, Flowering, 7, 9, 10, 19, 23.
Hemlock, 7, 12, 16, 19.	Horse Chestnut, 1, 14, 25.	Buddleia, 3, 4, 5, 7, 13, 28.	Rhodotypos, 1, 8, 9, 13, 25.
Juniper virginiana, 7, 9, 12, 15.	Judas Tree, 1, 6, 12, 23.	Calycanthus, 2, 7, 13, 29.	Rosa rugosa, 1, 2, 7, 9, 10, 23, 25.
Juniper communis, 6, 13, 15.	Linden, 7, 12, 22, 26.	Cornus alba, 2, 7, 9, 13, 16, 17, 19, 25.	Syringa, Large Flowering, 2, 8, 12, 13, 25.
Pine, Austrian, 8, 11, 12, 15.	Magnolia, 1, 6, 12, 23.	Kerria, 2, 7, 13, 17, 26.	Syringa, Golden, 2, 6, 13, 20.
Pine, Scotch, 8, 11, 15.	Maidenhair Tree, 7, 12.	Kerria variegated, 2, 6.	Siberian Pea, 1, 8, 9, 12, 15, 26.
Pine, Mugho, 6, 13.	Maple, Rock, 8, 18, 22.	Desmodium, 5, 7, 13, 28.	Spice Bush, 1, 7, 9, 26.
Spruce, Norway, 8, 11.	Maple, Silver, 8, 14.	Deutzia Lemoinei, 1, 6, 13, 25.	Spiræa aurea, 2, 8, 11, 20, 25.
Yew, 6, 12, 13, 19.	Maple, Schwedleri, 8, 12, 20.	Deutzia, P. of R., 2, 8, 13, 25.	Spiræa, Anthony Waterer, 3, 4, 6, 13, 23.
<b>EVERGREEN SHRUBS</b>	Jap. Maple, 6, 12, 13, 20.	Euonymus alatus, 7, 9, 12, 13, 15, 18.	Spiræa prunifolia, 1, 7, 13, 25.
Euonymus radicans, 6, 19, 21.	Mountain Ash, 1, 6, 9, 12.	Exochorda, 1, 7, 12, 13, 25.	Spiræa Van Houttei, 1, 2, 7, 12, 13, 15, 25.
Euonymus vegeta, 6, 9, 19.	Oak, Pin, 7, 12, 18, 22.	Forsythia, April, 26, 8, 12, 15, 19.	Sumac, 7, 9, 10, 15, 18, 19.
Mountain Laurel, 7, 19, 23.	Poplar, 8, 11, 15.	Fringe, White, 2, 8, 12, 25.	Symphoricarpos vulgaris, 7, 9, 13, 15, 19.
<b>DECIDUOUS TREES</b>	Tulip, 2, 8, 12, 26.	Honeysuckle, 1, 8, 9, 10, 12, 23, 25.	Symphoricarpos racemosus, 3, 7, 9, 13, 15, 19, 25.
Ash, 8, 12, 22.	Yellow Wood, 2, 7, 12, 17, 25.	Hydrangea arborescens, 3, 4, 7, 12, 13, 25.	Lilac, Common, 1, 8, 15, 19, 25, 28.
Beech, European, 7, 11, 12, 19.	Willow, 7, 11, 14, 17.	Hydrangea paniculata grandiflora, 4, 5, 7, 12, 13, 15, 25.	Lilac villosa, 2, 8, 12, 23.
Beech, Purple, 7, 12, 20.	Varnish Tree, 3, 6, 12, 26.	Ilex, 1, 2, 7, 9, 13, 14, 25.	
Birch, Cutleaf, 7, 12, 17.	<b>DECIDUOUS SHRUBS</b>	Privet, Chinese, 7, 9, 13, 15, 25.	
Catalpa speciosa, 2, 7, 9, 11, 15, 25.	Almond, 1, 7, 12, 23, 25.		
Cercidiphyllum, 7, 12, 14.	Althæa, 3, 4, 8, 12, 23, 24, 25.		
Crab, Flowering, 2, 6, 12, 23.	Aralia, 7, 15, 19.		
	Barberry Thunbergii, 6, 9, 13, 18, 19.		

### CLIMBING VINES

Ampelopsis quinquefolia, 10, 18.
Ampelopsis Veitchii, 18.
Celastris scandens, 9, 26.
Clematis Jackmanii, 2, 27.
Clematis paniculata, 5, 7, 25.
Clematis Henryi, 2, 25.
Hall's Honeysuckle, 3, 4, 25.
Matrimony Vine, 2, 9, 23.





Foundation Planting of *Spiraea Van Houttei* and *Berberis Thunbergii*

## HARDY ORNAMENTAL SHRUBS

The use of shrubbery adds materially to the beauty and attractiveness of the home grounds. It affords an opportunity for artistic development with the varying color of foliage and flowers in Summer followed by the bright-colored bark and berries of some species in Winter.

Prices of Shrubs { 1st Size.....Each 60c., doz. \$6.00 } Except as noted  
Extra.....Each 75c., doz. \$7.50 }

First Size Shrubs only may be mailed; allow 10 cents each for postage to points in New England

### ALMOND, *Prunus sinensis*

**Double Pink.** The very double rose-colored flowers are borne in great profusion, fairly covering the branches. Blooms in May.

**Double White.**

### ALTHEA, *Hibiscus syriacus*

**Double White.** Nearly pure white. Extra fine.

Each 75c.

**Double Red.** Bright rosy red.

Each 75c.

**Variegata.** Foliage handsomely variegated. Flowers double, deep purple.

Each 75c.

### ARALIA, *Acanthopanax*

**Pentaphylla.** (Five-leaved Aralia.) A graceful shrub, with arching, spiny branches and bright green, shining foliage. Excellent on rocky banks and slopes.

### AZALEAS

These are, without exception, the most showy of flowering shrubs, dwarf in habit, and associate well with other shrubs, or can be grouped in masses. They prefer deep leafmold soil or peat.

### NATIVE AZALEAS

**Flame Azalea.** (*A. lutea*.) Flowers orange yellow or flame red; not fragrant. One of the showiest.

18-24 in. \$2.00, 24-30 in. \$2.50.

**Fragrant White Azalea.** (*A. arborescens*.) Flowers white with pink stamens. They are fragrant and last a long time. The leaves in Autumn turn to brilliant shades of red. One of the best native varieties.

12-15 in. \$1.25, 15-18 in. \$1.75, 18-24 in. \$2.25.

**Pinxter Flower.** (*A. nudiflora*.) Commonly known as "Wood's Honeysuckle." Deep pink to reddish purple flowers in May. The most brilliant and valuable for mass planting.

12-18 in. \$1.25, 18-24 in. \$2.50

**White Swamp Honeysuckle.** (*A. viscosa*.) This Azalea blooms in June or July, producing delightfully sweet scented white flowers tinted with shades of rose. Prefers damp places

18-24 in. \$2.00, 24-30 in. \$2.75.

### EUROPEAN AZALEAS

**Chinese.** (*A. mollis*.) A most desirable and attractive dwarf shrub, bearing an abundance of large, bright red and yellow blossoms, and varying shades of color in May. In masses they are most gorgeous; entirely hardy. Mixed colors.

12-15 in. \$1.25, 15-18 in. \$1.75,

18-24 in. \$2.50.

**A. yodogawa.** This is one of the most valuable introductions of recent years. Flowers double light violet, completely covering the plant and remaining for a long season.

2½-3 ft. \$5.00.

### BARBERRY. *Berberis*

**Japanese.** (*B. Thunbergii*.) The hardiest and most valuable of this family. Remarkable for its low, dense, horizontal growth, and its bright red berries which it holds throughout the Winter. See hedge plants, page 146.

Each 35c. and 50c.

**Purple.** (*B. vulgaris atropurpurea*.) Beautiful violet purple foliage and fruit. Very effective when used with shrubs of a lighter foliage.

### BAYBERRY. *Myrica*

**Northern Bayberry.** A low spreading native shrub admired for its dark green, fragrant foliage. The flowers which are inconspicuous are followed by white, waxy berries. Thrives in sandy places.

### BUTTERFLY BUSH. *Buddleia*

**Veitchiana variabilis.** Flowers of a pleasing shade of violet mauve, borne on long, cylindrical spikes, and with liberal cultivation will grow from 15 to 20 inches long. Flowers freely first season.

Each 50c.



*Azalea mollis*



**CALYCANTHUS**

**floridus.** (Carolina Allspice.) Fine and glossy foliage pineapple-scented, chocolate-colored flowers all Summer; leaves dark green above and pale grayish green beneath; a favorite shrub.

**CORCHORUS. Kerria**

**Kerria japonica.** One of the most satisfactory yellow flowering shrubs we have. Blooms all Summer and in Winter its bright green branches form a marked contrast with other shrubs.

**japonica variegata.** Same habit as the above, with handsomely variegated leaves, making one of the best variegated plants for shrubberies and borders.

**DESMODIUM**

**penduliflorum.** (Sweet Pea Shrub.) A most magnificent shrub, being covered from first of September till frost with red pea blossoms in enormous quantities.

**DEUTZIA**

**crenata.** (Single white Deutzia.) Showy, white, tinged pink flowers in close spikes. Vigorous growth.

**gracilis.** Slender, often arching branches. Low dense, globular habit; flowers pure white in racemes.

**Lemoinei.** A vigorous grower and excellent for forcing; very desirable; early bloomer; panicles of pure white flowers borne on stout branches.

**Pride of Rochester.** The flowers which are borne in large panicles, are pinkish white, with under side of petals rose. One of the best tall growing varieties.

**DOGWOOD. Cornus**

**Red-twigged.** (C. alba.) Shrub with erect stem, good clean foliage and bright blood-red branches; useful for shrubberies.

**Cornelian Cherry.** (C. mas.) Handsome shrub of dense growth, with glossy foliage; very attractive in early Spring with its yellow flowers, and again in the Fall with shining scarlet fruit.

**Silver-Leaf.** (C. mas elegantissima.) One of the finest variegated shrubs; slow growing; leaves broadly margined with white, contrasting strongly with the deep red bark.



Exochorda

**EUONYMUS**

**alatus.** (Winged Burning Bush.) A handsome shrub attaining a height of 6 to 8 ft., with corky-winged branches. Native of Japan. The leaves are oval, bright green in Summer, changing in the Fall to gorgeous crimson and red. Probably the most conspicuous of the Fall foliage shrubs. A fine shrub for massing and especially adapted for specimen work.

2-3 ft. 75c., 3-4 ft. \$1.25; 4-5 ft. \$1.75, 5-6 ft. \$3.00

**EXOCHORDA**

**grandiflora.** (Pearl Bush.) Flowers in May. Pure white, large, star-like, in clusters, grows about 9 ft. high.

**FORSYTHIA**

**intermedia.** Erect-growing shrub. When large the branches become arching.

**suspensa.** (Weeping Golden Bell.) Long, graceful branches drooping to the ground and covered to the tips with handsome yellow trumpet-shaped flowers in April.

**suspensa Fortunei.** (Golden Bell.) One of our best early flowering shrubs. Before any tree or shrub shows a leaf they burst into glorious masses of golden-yellow drooping flowers.

**FRINGE**

**White.** (Chionanthus virginica.) A large shrub or small tree, with large, heavy leaves almost hidden in Spring by a thick mist of fragrant white, drooping flowers. One of the choicest shrubs for a lawn ornament.

Each \$1.50

**Purple, or Smoke Bush.** (Rhus cotinus.) The large masses of misty, purplish flowers which this bears in June give it the name of Smoke Bush. The leaves change to varying colors in Fall.

**HONEYSUCKLE. Lonicera**

**Fragrant.** (L. fragrantissima.) An absolutely hardy variety, of strong growth, but rather straggling habit. Produces pinkish flowers in early Spring, which are very fragrant.

**Japanese Bush.** (L. Morrowii.) A shrub with wide-spreading branches; leaves dark green above and grayish beneath; pure white flowers in May and June, followed by bright red fruits.

**Tartarian.** (L. tatarica.) Bears a profusion of pink flowers in June.

**White Tartarian.** (L. tatarica alba.) Similar to the Tartarian, but with large, pure white flowers and crimson fruit.



Calycanthus floridus





*Ilex verticillata* (Winter Berry)

#### HYDRANGEA

**arborescens grandiflora.** The flower clusters are large, averaging 4 to 5 in. in diameter. Color is pure snow white, blooming at a time when flowers are scarce. 2 to 2½ ft.

**paniculata grandiflora.** The well-known hardy Hydrangea. Flowers are borne in dense panicles, pure white when opening, but later of a purplish-rose color. Excellent for massing or single specimens on lawns.

**Tree form.** A very desirable form of Hydrangea, the branches starting out 3 ft. from the ground. Excellent for center plants for Hydrangea bed. **Each \$1.50**

#### ILEX

***Ilex verticillata.*** (Winter Berry.) A very ornamental shrub, with upright branches and light green foliage; its bright scarlet berries remain on the branches until midwinter.

#### SINGLE NAMED LILACS

**Each 75c., doz. \$7.50.**

**alba grandiflora.** Very large trusses of pure white flowers. 3 to 4 ft.

**Charles X.** Magnificent clusters of dark red flowers, produced in the grandest profusion. 2 to 3 ft.

**Frau Bertha Dammann.** This produces the largest clusters of white Lilacs of the common species known in cultivation; the flowers are of the purest white. 2 to 3 ft.

**Louis Van Houtte.** A well-known sort, with large clusters of fine, bright red flowers. 2 to 3 ft.

**Ludwig Spaeth.** The clusters are very large and of splendid, dark purple-red color, not only as buds, but even when the blossoms are fully expanded. 2 to 3 ft.

**Marie Le Graye.** A dwarf grower, and one of the finest white varieties. 2 to 3 ft.

**Rubra de Marly.** Purplish red; exceedingly free flowering. 2 to 3 ft.

#### DOUBLE NAMED LILACS

**Each 75c., doz. \$7.50.**

**Alphonse Lavallee.** Trusses like a double Hyacinth; fine blue, shaded to violet. 3 ft.

**La Tour d'Auvergne.** Violet purple, large, double; excellent.

**Leon Simon.** Color bluish crimson; buds clear coral. 2 to 3 ft.

**Mad. Casimir Perier.** Large trusses of very double, creamy-white flowers. 2 to 3 ft.

**Mad. Lemoine.** A grand double white variety. Vigorous habit and immense foliage. 2 to 3 ft.

**Michel Buchner.** Plant dwarf, bearing at the top of all the branches. Pale lilac throughout in half-opened blossoms, and also in bud state.

**President Grevy.** Petals of a cobalt blue, with the centers more brilliant and the edges rosy.

**President Carnot.** Flower delicate tint of pale lilac, marked with white in the center. 2 ft.

**Senator Volland.** Dwarf, very brilliant; buds Fuchsia-red; open flowers Rose-red. 2 ft.

Collection of 12 Hybrid Lilacs, containing both single and double varieties, our selection. **\$6.00.**

#### COMMON LILACS

**Purple, White, Persian, White Persian.**

**Villosa.** (*S. villosa*.) A species from Japan. Color varies from light pink to almost blue. Valuable for late blooming. Out of bloom, the shrub forms a striking object on account of the dark glossy, massive leaves.



*Clethra alnifolia*



*Rhus typhina laciniata***PRIVET. Ligustrum**

**Amoor River.** (*L. amurense*.) Large, oblong, glossy green foliage. A hardy variety.

**California.** (*L. ovalifolium*.) Vigorous shrub of excellent habit. Large, glossy dark green foliage.

**Chinese.** (*L. Ibota*.) Upright habit, narrow leaves and white flowers. One of the hardiest privets.

Prices of above, see Hedge Plants, page 146.

**Regel's.** (*L. Ibota Regelianum*.) Similar to the above except that the branches droop gracefully. This plant is unexcelled for shrubbery borders and massed plantings. 18-24 in. 50., doz. \$5.00.

**JAPANESE QUINCE. Cydonia japonica**

A shrub with spreading spiny branches. Glossy leaves; flowers are a deep scarlet, in clusters. The quince-shaped, fragrant, golden-yellow fruit remains a long time in Summer.

**RASPBERRY. Rubus**

**Flowering.** (*R. odoratus*.) A noble plant, with leaves 6 to 12 in. broad, and pink-purple blossoms 2 in. across, in clusters, which continue to bloom all Summer. Very fragrant. One of the most useful plants for partially shaded places. Each 50c.

**RHODOTYPOS**

**kerrioides.** A very ornamental shrub of medium size with handsome foliage and large single white flowers in May. Fruit is black.

**ROSA RUGOSA**

**Rosa rugosa.** An upright shrub attaining 5 to 6 ft. in height; foliage shining dark green; not attacked by insects; flowers single, red, fragrant and produced freely throughout the summer; fruit bright crimson.

**R. alba.** The habit and foliage are similar to the above, but the flowers are pure white; fragrant.

**SIBERIAN PEA TREE. Caragana arborescens**

A sturdy little tree or shrub smaller than the Dogwood. The leaves are a soft green and the flowers that come in May resemble the Sweet Pea and are bright yellow. Seldom seen but a shrub that should be on every lawn.

Tree form. 5-6 ft. \$1.00, 6-7 ft. \$1.75.

**SPICE BUSH. Benzoin Æstivale**

A strong-growing shrub, with bright green foliage; flowers yellow, appearing before the leaves; has red, oblong, spicy berries; bark is aromatic.

**SPIREA. Spiræa**

**S. Bumalda Anthony Waterer.** Flowers scarlet-crimson, blooming profusely from June to October. Strong plants.

**Bridal Wreath.** (*S. prunifolia*.) One of the best and earliest blooming shrubs. Flowers double, white and very abundant along the stem. May.

**S. Bumalda Froebelii.** Same color as the Anthony Waterer but of a taller habit of growth. Very desirable.

**Golden.** (*S. opulifolia aurea*.) One of the best of our yellow-leaved shrubs. Golden yellow all Summer.

**St. Peter's Wreath.** (*S. Van Houttei*.) The finest and most satisfactory of all *Spiræas*, either singly or among other shrubs. It forms a round and graceful bush, with arching branches, which in June are set from end to end with beautiful white blossoms.

**Thunbergii.** Low growing, rounded form, delicate, drooping, yellowish green, lanceolate foliage, which takes and retains late the most lovely tints in Autumn. Small, abundant white flowers in May.

**SUMAC. Rhus**

**Cut-leaf.** (*R. typhina laciniata*.) A very striking plant of moderate size with deeply cut leaves which turn a rich red in the Fall.

**Fragrant.** (*R. canadensis*.) Small yellow flowers in clusters or short spikes appear before the leaves. In Autumn the foliage turns to a dark crimson.

**Staghorn.** (*R. typhina*.) A large shrub with brilliant foliage and fruit in the Fall.

**SWEET PEPPER BUSH. Clethra**

**alnifolia.** Shrub with rich green foliage and spikes of fragrant yellowish-white flowers throughout the season. It thrives in shady, damp places. See page 144.

**SYMPHORICARPOS**

**racemosus.** (Snowberry.) Smooth shrub, with slender branches, usually bending under their load of white, waxy berries, which appear in Autumn; the flowers are rose colored, in loose racemes in July and August.

**vulgaris.** (Indian Currant.) Low-growing, spreading, graceful habit; foliage attractive; noteworthy from the beauty of its clusters of red berries.

**SYRINGA. Philadelphus**

**Golden.** (*P. coronarius foliis aureis*.) A graceful variety, with bright yellow foliage, which retains its color throughout the season. Dwarf habit.

**Mock Orange.** (*P. coronarius*.) Shrub with upright branches; pure white, fragrant flowers are produced in clusters in June; foliage dark green.

**Large-flowered Mock Orange.** (*P. grandiflorus*.) A vigorous, upright variety, with large, showy flowers in June; it grows rapidly; branches are somewhat straggling.

*Rosa rugosa alba*



VIBURNUM

**Arrow Wood.** (*V. dentatum*.) Glossy, handsome leaves, white flowers and fine, steel-blue berries in Fall. June.  
**cassinoides.** Flat heads of white flowers and effective foliage. Bears black berries in clusters. June.

**V. Carlesii.** An early flowering Viburnum of fine habit, bearing fragrant white flowers in May. One of the most important introductions of this family of plants. **\$1.50.**

**European High-bush Cranberry.** (*V. Opulus*.) One of the best shrubs for general planting. It has red berries resembling Cranberries, which remain until early Winter. Its foliage is large and healthy and seldom attacked by insects.

**Snowball.** (*V. Opulus sterile*.) A well-known shrub of large size, producing large, snowball-like flowers in May.

**Japan Snowball.** (*V. tomentosum plicatum*.) It has handsome plicated leaves; globular heads of pure white flowers in June. It surpasses the common Snowball in many respects. **Each \$1.00.**

**Single Japan Snowball.** (*V. tomentosum*.) Foliage resembles the Japan Snowball; flowers white, in flat racemes and in great profusion. It is perfectly hardy, vigorous and free blooming.

WEIGELA

**candida.** Flowers pure white, vigorous and fine in habit.

**Eva Rathke.** An erect, free flowering variety; flowers brilliant crimson. Blooms more or less all Summer.

**nana variegata.** A dwarf form, with variegated leaves, flowers pale pink.

**rosea.** A strong symmetrical grower, with good foliage; pink flowers in June.

WITCH HAZEL. *Hamamelis virginiana*

Latest of all flowers, blooming in November. One of our best native shrubs.

YELLOW ROOT. *Zanthorhiza apiifolia*

A cover plant for shady places, or banks along woodland paths. It grows about a foot high and has inconspicuous brownish flowers in April.

**Each 40c., doz. \$4.00.**

Prices on nursery stock in this catalog include packing and are f. o. b. our shipping point.

## HEDGE PLANTS



Hedge of Japanese Barberry

For screening unsightly objects from view and marking lines or boundaries, hedges are most useful.

As a general rule hedge plants should be planted low and firm, so that the branches seem apparently to spring from the ground. California Privet should be planted 2 or 3 in. deeper than it stood in the nursery row. All deciduous varieties should be trimmed back hard after planting.

### Barberry—Berberis

<b>Berberis Thunbergii.</b> (Japanese Barberry.)			
	Doz.	100	
12-18 in. Plant 12 in. apart.....	\$3.00	\$18.00	
18-24 in. Plant 12 in. apart.....	4.00	25.00	
24-30 in. Plant 15 in. apart.....	5.00	30.00	
<b>LILAC. Common.</b>			
2½ to 3 ft. Plant 24 in. apart.....	4.50	30.00	
<b>ROSA RUGOSA.</b>			
2 ft. Plant 18 in. apart.....	5.00	37.50	
<b>SPIRÆA Van Houttei.</b>			
2 to 3 ft. Plant 24 in. apart.....	4.00	30.00	
<b>ARBORVITÆ, American.</b>			
2 to 2½ ft. Plant 24 in. apart.....	9.00	70.00	

### Privet—Ligustrum

<b>AMoor River Privet.</b>			
	Doz.	100	
2 to 3 ft. Plant 12 in. apart.....	\$3.00	\$20.00	
3 to 4 ft. Plant 12 in. apart.....	4.00	25.00	
<b>CALIFORNIA PRIVET.</b>			
1½ to 2 ft. Plant 10 in. apart.....	1.25	7.50	
2 to 3 ft. Plant 12 in. apart.....	1.50	10.00	
3 to 4 ft. Plant 12 in. apart.....	2.50	12.00	
<b>CHINESE PRIVET, Iibota.</b>			
2 to 3 ft. Plant 12 in. apart.....	3.00	20.00	
3 to 4 ft. Plant 12 in. apart.....	4.00	25.00	
<b>HEMLOCK.</b>			
2 to 2½ ft. Plant 30 in. apart.....	19.00	140.00	
<b>SPRUCE, Norway.</b>			
18-24 in. Plant 24 in. apart.....	7.50	60.00	

Six plants will be furnished at the dozen rate, fifty or more at the rate per 100



## FRUIT TREES

## Apples

Standard Trees, 5 to 7 ft., each \$1.50, doz. \$15.00.  
Dwarf Trees, each \$1.50, doz. \$15.00.

Varieties marked with an asterisk (\*) can be furnished on dwarf stock.

The following list of Apples embraces varieties which have been tested and can be recommended as the very best for general cultivation.

The varieties are arranged in the relative order of their ripening.

## SUMMER APPLES

- \***Sweet Bough.** Moderate growth; large; pale yellow, tender, juicy, sweet; very good. Ripening late July.
- \***Yellow Transparent.** Free growth; roundish, oblate, slightly conical; pale yellow; tender, juicy, sprightly subacid. Ripening late July.
- \***Early Harvest.** Moderate growth, medium to large yellow; tender, rather acid. Ripening late July.
- \***Red Astrachan.** Free growth; large, roundish; deep crimson; juicy, rather acid; very hardy. Ripening late July.
- \***Golden Sweet.** Free growth; large; yellow, tender, sweet, rich. Ripening late July.
- \***Williams Favorite.** Moderate growth; large, oblong red; rich and excellent. Ripening late August.
- \***Duchess of Oldenburg.** Vigorous growth; large; striped, tender, juicy, subacid; good; regular and abundant bearer. Late August.

## AUTUMN APPLES

- \***Gravenstein.** Vigorous growth; very large; striped; juicy, tender, crisp, rich, subacid. September.
- \***Porter.** Moderate growth; medium to large; yellow; fine grained; sprightly subacid; very good. Ripening September.
- \***Wealthy.** Free growth; medium; dark red; juicy, vinous, subacid; good; very hardy. Ripening September.
- \***Fall Pippin.** Free growth; very large; yellow; tender, rich. Ripening September to December.
- \***Fameuse, or Snow.** Vigorous growth; medium; deep crimson; tender, subacid, delicious. One of the best dessert Apples. Ripening October.
- \***McIntosh Red.** Vigorous growth; handsome; very good; hardy. Ripening October.
- \***Wolf River.** Very large; beautiful red in the sun, on a yellow ground; strong grower and a good bearer. Early October.
- \***Hubbardston.** Free growth; large, striped red and yellow; tender, juicy, rich. Early October.
- \***Tompkins King, or King of Tompkins County.** Vigorous growth; large, red-striped; tender, juicy, vinous; very good. Ripening early October.
- \***Wagener.** Vigorous growth; medium to large; yellow and crimson; juicy and subacid. Early October.
- Jonathan.** Medium growth; red and yellow; tender, juicy and rich; very productive. Early October.
- Tolman's Sweet.** Free growth; medium; yellow; firm, rich, sweet. Ripening middle October.

## WINTER APPLES

- \***Northern Spy.** Fruit is large, flesh is very juicy and crisp. November.
- \***Delicious.** The color is brilliant dark red, shading to yellow at the blossom end. The flesh is crisp, fine-grained and quite juicy; flavor slightly acid but very pleasing. November.
- Sutton Beauty.** Free growth; medium to large; yellow and crimson; tender, juicy, subacid. November.
- \***Baldwin.** Vigorous growth; large; bright red; crisp, juicy; subacid; good; the most popular and profitable market sort. Ripening November to March.
- Spitzenburg.** Large, round, brilliant red with gray dots; firm, rich, crisp, juicy, spicy and delicious. November.
- \***Rhode Island Greening.** Vigorous growth; large; green; fine grained; subacid. December.
- \***Roxbury Russet.** Free growth; medium; greenish; rich, subacid; good, late keeper. December.



Wealthy

## EXTRA LARGE APPLE TREES

(4 and 5 years old)

We have a limited quantity of extra heavy Apple trees in the following varieties:

- Gano.** Fruit very large, color red, flesh whitish, slightly tinged with yellow, mild, subacid. It is very attractive in appearance, stands handling well and is a good keeper. November to March. **Each \$4.50.**
- Grimes' Golden.** Medium size; flesh crisp, tender, juicy, spicy, of best quality. Tree is hardy and productive and comes into bearing young. One of the best early Winter varieties. **Each \$5.00.**
- Baldwin.** **Each \$6.00.**
- Duchess of Oldenburg.** **Each \$5.00.**
- Fall Pippin.** **Each \$5.00.**
- Gravenstein.** **Each \$5.00.**
- McIntosh.** **Each \$6.00.**
- Sutton Beauty.** **Each \$5.00.**
- Wealthy.** **Each \$5.00.**

Six trees, of different varieties, our selection from above list. **\$25.00.**

## CRAB APPLES

Standard Trees, 5 to 7 ft., each \$1.00, doz. \$9.00.

- Hyslop.** Large size; dark crimson, with bloom very showy and most beautiful of all the class.
- Transcendent.** Of the largest size of this class of Apples; red, showy, excellent and very handsome.

## SCIONS

We can supply both Apple and Pear scions of all the varieties listed in this catalogue.

- Six Scions of One Variety.** **35c. postpaid.**
  - Twelve Scions of One Variety.** **50c. postpaid.**
- Refer to page 166 for grafting tools and supplies.

Plant fruit trees one in. deeper than they stood in the nursery row.

Press the earth firmly about the roots.

Trim broken or bruised branches, also two-thirds of the previous season's growth.

For further information regarding planting, see our "Hints on Transplanting," page 141.





Elberta Peach

## Pears

Standard Pears, 5 to 7 ft., each \$1.75, doz. \$17.50  
Except where noted.

### SUMMER PEARS

- \***Bartlett.** Vigorous growth; large; yellow and red; juicy, buttery, with a rich, musky flavor; very good. Ripening September.
- \***Clapp's Favorite.** Vigorous growth; very large and handsome; yellow and crimson; melting, buttery, vinous; very good. Ripening August.
- Wilder.** This new Pear has been tested sufficiently to warrant the highest commendation. It ripens in August and is a liberal cropper, bearing fruit shortly after transplanting. Skin bright yellow; flesh rich creamy color, and virtually coreless. It is the best keeper of all Pears and does not rot at the core. Very juicy and delicious in flavor.

### AUTUMN PEARS

- Anjou.** Vigorous growth; very large; greenish yellow; melting, buttery, juicy, sprightly, vinous; keeps into mid-Winter, and is the most valuable of all Winter Pears. Ripening November and December.
- Bosc.** Moderate growth; large; russety; buttery, rich, high-flavored; best. Ripening September and October. **Each \$2.00.**
- \***Seckel.** Moderate growth; medium; brown; juicy; melting and buttery; of the highest flavor. Ripening September and October.
- Sheldon.** Vigorous growth; large; russet and red; melting, rich, delicious; very good. Ripening October.
- Vermont Beauty.** Originated in Vermont. A very brilliant colored skin and most beautiful when ripened. It matures a little later than the Seckel, and has qualities which render it valuable as a shipping Pear. Flesh rich, aromatic and juicy. The tree is strong in habit and is well adapted to the coldest climates.

### WINTER PEARS

- Dana's Hovey.** Moderate growth; small, but of fine quality. Ripening November to January.
- Lawrence.** Moderate growth; medium to large; golden yellow, melting, pleasant, aromatic; very good; a valuable Winter Pear. Ripening November and December.
- Winter Nelis.** Free growth; medium; russet; melting, buttery and rich; very good; one of the best early Winter Pears. Ripening December and January.

### DWARF PEARS

Varieties marked with an asterisk (\*) can be supplied in Dwarf.

3 to 4 ft., each \$1.50, doz. \$16.00.

Read **The Home Fruit Grower**, by Kains. It's worth while. **Paper, \$1.10; cloth, \$1.60, postpaid.**

## Cherries

Standard Trees, 2 to 3 years, each \$1.75, doz. \$17.50.

### SWEET

- Black Eagle.** Moderate growth; large; black, tender, rich, juicy; best. Ripening first of July.
- Black Tartarian.** Vigorous growth; very large; purplish black; one of the best. Ripening end of June.
- Coe's Transparent.** Vigorous growth; medium; pale amber and red; one of the best. Ripening end of June.
- Governor Wood.** Vigorous growth; medium; clear, light red; tender and delicious. Ripening end of June.
- Napoleon.** Vigorous growth; very large; pale yellow with red cheek; firm, juicy and sweet; very good. Ripening first of July.
- Rockport.** Vigorous growth; large pale amber and red; sweet and tender; good. Ripening first of July.
- Windsor.** Vigorous growth; large; liver colored; very firm; very good. A valuable variety; hardy. Ripening end of July.
- Yellow Spanish.** Vigorous growth; large; pale yellow, with red cheek; firm, juicy and delicious; very good. Ripening end of June.

### SOUR

- Early Richmond.** Medium size; dark red; juicy rich acid flavor. The stone adheres to the stem. One of the most valuable of sour Cherries.
- Montmorency.** A large, red, acid Cherry; very prolific and hardy. Valuable for canning.
- Morello, English.** Large; dark red, nearly black; tender, juicy, subacid; valuable for preserves; tree small, slender growth; productive.

## Plums

Trees, 5 to 7 ft., each \$1.75, doz. \$17.50.

- Bradshaw.** A very large, oval; bark violet red; juicy, sweet and good; a valuable market variety.
- Coe's Golden Drop.** Very large; light yellow; rather firm; rich, sweet and good; adheres to the stone.
- Lombard.** Medium oval; violet red, juicy, pleasant and good; very productive.

### JAPAN PLUMS

- Abundance.** Lemon-yellow ground, overspread with bright cherry, and with a heavy bloom; large.
- Burbank.** Large and beautiful; clear cherry red, with a thin lilac bloom; flesh a deep yellow; very sweet.
- Wickson.** Deep maroon-red, covered with white bloom; flesh fine texture, firm, sugary and delicious.

## Peaches

Each 85c., doz. \$9.00.

- Champion.** Handsome creamy white with red cheek. It is of large size and of very superior flavor.
- Crawford's Early.** Very large; yellow; juicy, melting; freestone. Ripening end of August.
- Crawford's Late.** Very large; yellow; juicy, good; freestone. Ripening end of September.
- Crosby.** Considered the best variety introduced for years. Grown extensively throughout New England.
- Elberta.** Large, light-colored yellow Peach; juicy, well flavored; finest yellow freestone.
- Mountain Rose.** Large; white and red; juicy; good. Ripening end of August.
- Oldmixon Free.** Large; greenish white and red; juicy and rich. Ripening middle of September.
- Stump of the World.** Medium to large; red and white; good. Ripening middle of September.

## Quinces

3 to 4 ft., each \$1.50, doz. \$16.00.

- Apple, or Orange.** Large, roundish; bright golden yellow; very productive.
- Bourgeat.** One of the finest yet offered. Color, rich golden, and quality extra good. Extra large.
- Champion.** A vigorous and productive variety. Ripening very late.
- Rea, or Rea's Mammoth.** A very large and fine variety of the Orange Quince. One of the best.

## Nut Trees

- English Walnuts.** 3-4 ft., each \$1.50.
- Black Walnuts.** 4-6 ft., each \$1.50.
- Butternut.** 6-8 ft., each \$1.50.



## SMALL FRUITS

Small fruits in small quantities may be sent by parcel post to points in New England on receipt of postage as follows:

**Blackberries and Raspberries** 10c. per doz.

**Currants, Grape Vines and Gooseberries**, 1 to 3 plants, 10c.; 4 to 6, 15c.; 7 to 12, 20c.

### BLACKBERRIES

Each 10c., Doz. \$1.00, 100 \$8.00.

**Eldorado.** Extra fine and very hardy; large, sweet berry. **Erie.** One of the best; large and productive. Early.

**Rathbun.** Extra large and productive.

**Snyder.** Medium size; very fine. Medium.

### CURRANTS

Each 50c., doz. \$5.00, 100 \$37.50, except where noted.

**Black Naples.** Large, black, for preserves.

**Cherry.** Large, red, popular sort.

**Fay's Prolific.** Largest and finest red.

**Perfection.** (New.) Color red; larger than Fay and Cherry. Each 60c., doz. \$6.00, 100 \$48.00.

### RASPBERRIES

Each 10c., Doz. \$1.00, 100 \$8.00, except as noted.

**Columbian.** Purple; very large. Doz. \$2.00.

**Cuthbert.** Medium to large, red, sweet.

**Marlboro.** Popular red sort. Early and hardy.

**Golden Queen.** Large, yellow and firm; fine quality.

**Gregg.** Large, black cap, great bearer.

**Herbert.** Very large berry and a heavy cropper. It has a distinctly rich flavor and is all meat. Extremely hardy. Doz. \$1.50.

**ST. REGIS.** A new Everbearing red variety. Doz. \$1.50.

### LOGANBERRY

Fruit same size and shape as a large blackberry, in large clusters; color dark red; mild, pleasant, vinous flavor; excellent for canning. Each 50c., doz. \$5.00.

### GOOSEBERRIES

Each 60c., doz. \$6.00.

**Red Jacket.** An American variety with large ruby-red fruit, fine flavor and free from mildew.

**Pearl.** Prolific sort; free from mildew. The fruit is large; light green and fine quality.

**Downing.** Whitish green, prolific.



Rathbun Blackberry



Cuthbert Raspberry

## RHUBARB

The human system needs an acid or spring tonic; therefore rhubarb or pie plant is the earliest means of supplying this.

	Each	Doz.
Small roots	\$0.15	\$1.50
Medium roots	.25	2.50
Extra large	.50	5.00

## ASPARAGUS ROOTS

For ordinary garden culture a bed 12x35 would require about 150 roots.

**Martha Washington Asparagus.** The new and best rust-resistant variety, stalks of large size and rapid growth; tender.

2-year roots; doz. 75c., 25 \$1.25, 50 \$2.00, 100 \$3.50.



	2-Year Roots			
	Doz.	100	500	1000
Conover's Colossal.....	\$0.30	\$1.25	\$5.50	\$10.00
Giant Argenteuil.....	.30	1.25	5.50	10.00
Palmetto.....	.30	1.25	5.50	10.00
Reading Giant.....	.40	1.50	6.50	12.00

	3-Year Roots			
	Doz.	100	500	1000
Conover's Colossal.....	\$0.40	\$1.75	\$7.50	\$14.00
Giant Argenteuil.....	.40	1.75	7.50	14.00
Palmetto.....	.50	2.00	8.50	16.00
Reading Giant.....	.50	2.00	8.50	16.00

**Giant Argenteuil.** 4-year roots. (Extra strong transplanted). Doz. 75c., 25 \$1.40, 50 \$2.50, 100 \$4.00

Asparagus roots may be mailed to points in New England on receipt of postage at the rate of 15c. per 100 for 2-year roots, 20c. per 100 for 3-year roots.





Red Giant Grape

## GRAPE VINES

**RED GIANT, The New Cultivated Wild Grape.** Offered for the first time. This new variety possesses the characteristics which make the wild Grape so cherished for preserving, etc. The bunches are of medium size, compact, with very large berries of a vinous flavor. The color is a red-dish-green. Its adaptation to the home garden makes its value assured. One-year vines, each \$1.50, doz. \$15.00; two-year vines, each \$2.00, doz. \$20.00.

### STANDARD KINDS

Each 75c., doz. \$7.50, except where noted.

#### BLACK

**Concord.** Large, always reliable. Medium.

**Campbell's Early.** Very large berry and clusters, rich flavor and very sweet. \$1.00.

**Moore's Early.** Large, fine quality. Early.

**Worden.** Large, excellent quality. Early.

#### RED

**Brighton.** Large, best quality. Early.

**Delaware.** Small, delicious. Late.

#### WHITE

**Green Mountain.** One of the best. Early.

**Moore's Diamond.** Large, excellent. Early.

**Niagara.** Large and productive. Medium.

\$1.00.

## STRAWBERRY PLANTS

### STANDARD VARIETIES

Price, \$2.00 per 100, \$15.00 per 1000.

**BRANDYWINE.** (Midseason.) Famous among commercial growers for its quality as a shipper. Color blood red; round; yields very large crops of finest quality berries.

**COMMONWEALTH.** A berry of Massachusetts origin and one which has a long fruiting season; it is probably as large as any berry at the present time and fully as productive. Its color is that dark crimson so much admired and unexcelled for its fine flavor and juiciness. Plants are particularly strong in growth. Late.

**EXCELSIOR.** An old standard. Fruit is medium size, dark in color, firm enough to ship. The flavor is quite tart, but is liked by some for canning and for syrup. Early.

**GANDY.** A very late variety yielding tremendous crops of bright red berries with a somewhat smooth surface. The berries which are borne on long, upright stems, well above the leaves and dirt, are of the best quality. The best paying late berry. It requires a heavy rich soil.

**GLEN MARY.** An excellent berry for quality, large size and productiveness, and one that meets all requirements for home and market use. Usually the last berries picked are as large as the first. The color, which is a deep glossy crimson, is very attractive. The fruit is firm and solid and of excellent flavor; broad, heart-shaped, sometimes widening at the tip.

**GOLDEN GATE.** This variety is a particularly strong grower and very heavily rooted, bearing large stems and thick foliage. Fruit is a rich crimson, rarely showing green tips. Mid-season.

**HOWARD.** A mid-season berry about the size of Marshall, very productive; color light red.

**MARSHALL.** Undoubtedly the best Strawberry for home use. The fruit is extra large and rarely misshapen. The color is a rich, glossy crimson. The quality is unexcelled. Mid-season.

**ROOSEVELT.** A mid-season variety. Habit, vigorous and strong. Fruit is much larger than Marshall, but similar in shape, color being a somewhat lighter crimson.

**SAMPLE.** A variety much used for market. A heavy yielder of large berries of excellent flavor. An imperfect flowering variety; should be planted with any of the mid-season varieties we offer.

**SENATOR DUNLAP.** Mid-season. Is one of the universally popular varieties; famous as a shipper. Color dark red; fruit large, rich flavor.

The Strawberry may be successfully grown in any soil adapted to the growth of ordinary garden crops. The ground should be well prepared by plowing at least 18 inches deep, and properly enriched. Where the Winters are severe, a slight covering of straw will be of great service.



Senator Dunlap

### FALL-BEARING VARIETIES

Price, \$3.00 per 100.

**PROGRESSIVE.** This variety is one of the most perpetual, producing good picking for approximately four months when weather is favorable. Berries of medium size, dark red inside and out. Blossoms are strongly staminate, each flower producing a perfect berry. The large foliage is advantageous in protecting the fruit and blossoms.

**SUPERB.** The fruit is very large, glossy dark red color, particularly firm and of choicest quality. The Superb is the largest Fall Strawberry. The berries are of exceedingly uniform size and shape. The plants are of healthy growth and a free plant producer. Parent plants are the only ones which yield fruit. Superb has produced berries up to the latter part of October.

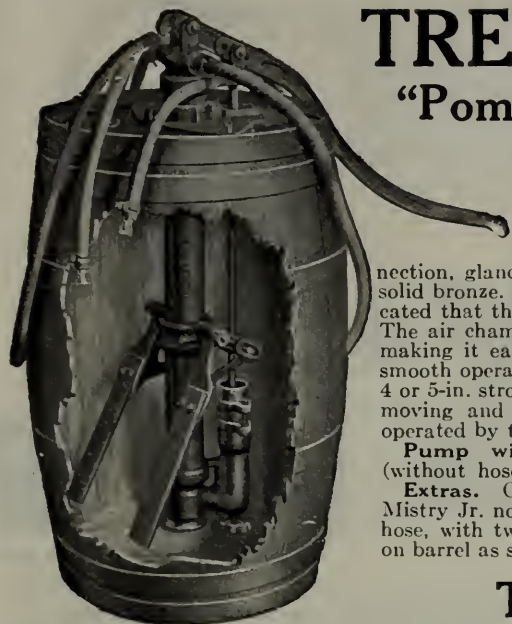
The Strawberry plants offered on this page are layer plants and are for Spring delivery. Pot-grown plants, will be ready in August



# TREE SPRAYERS

## "Pomona" Spray Pump

The Best Pump for Three Men to Operate, One Pumping and Two Spraying



Pomona Spray Pump

The Pomona has sufficient capacity to supply two leads of hose and four nozzles. The plunger, plunger connection, gland valves, valve seats and strainer are of solid bronze. All working parts are simple and so located that they can be easily removed and cleaned. The air chamber is of steel and has a large capacity, making it easy to maintain the pressure, and giving smooth operation. The lever can be adjusted for a 3, 4 or 5-in. stroke, the adjustment being obtained by removing and replacing a single bolt. The agitator, operated by the pump lever, is very effective.

**Pump with Agitator and Hose Couplings**, (without hose or nozzle), \$25.50.

**Extras.** One lead 15 ft.  $\frac{3}{8}$ -in. discharge hose, with Mistry Jr. nozzle, \$7.50; two leads 15 ft. each,  $\frac{3}{8}$ -in. hose, with two Mistry Jr. nozzles \$15.00; mounting on barrel as shown \$14.50.

## The "Fruitall"

The Best Pump for Two Men to Operate, One Pumping, One Spraying



The Fruitall

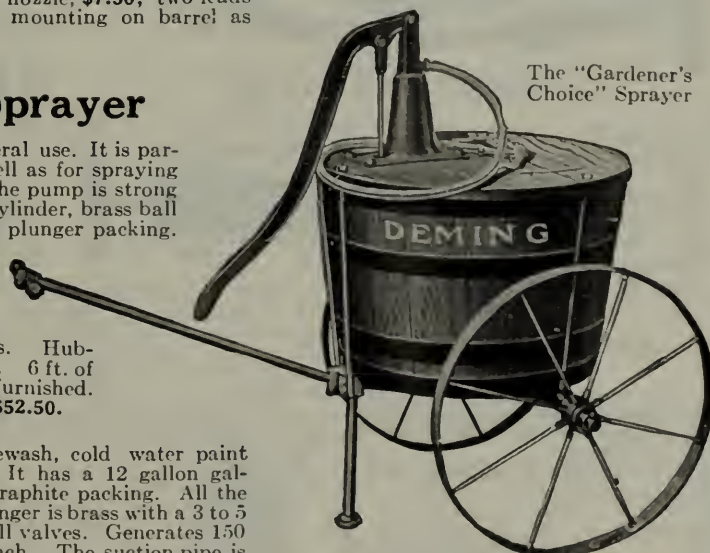
The Fruitall is extremely simple in design, of smaller capacity and lighter in weight than the Pomona. It will supply two leads of hose and two nozzles. All working parts, as in the Pomona, are of bronze. The air chamber is large. The lever is long, making it easy to operate the pump and produce high pressure. The plunger is packed from the outside, so it is not necessary to take the entire pump apart to repack it. A wing agitator is used, similar to that used with the Pomona. The pump is fitted for mounting on the end of the barrel only, where it is held in place by an adjustable clamp which fits over the end of a stave. It is also anchored to the bottom of the barrel.

**Pump with Agitator and Hose Couplings** (without hose or nozzle), \$14.00.

**Extras.** One lead 15 ft.  $\frac{3}{8}$ -in. discharge hose, with Mistry Jr. nozzle, \$7.50; two leads 15 ft. each  $\frac{3}{8}$ -in. hose, with two Mistry Jr. nozzles, \$15.00; mounting on barrel as shown, \$14.50.

## The "Gardener's Choice" Sprayer

This is one of the most convenient spraying outfits for general use. It is particularly adapted for the garden, greenhouse and orchard, as well as for spraying livestock in the barn. It is a splendid whitewashing outfit, as the pump is strong and durable and has a good agitator. Pump has  $1\frac{3}{4}$ -in. brass cylinder, brass ball valves with brass seat and cage, brass plunger and our special plunger packing. The leverage is six to one; can be worked against a pressure of 125 lbs. Agitator: Twin paddle type; stirs the liquid thoroughly. Tank and Cart: 24-gallon wood tank with steel hoops and hinged wood top. Leg, tongue and handle of wrought pipe. 24-in metal wheels, with staggered spokes and 2-in. tires. Special axle of wrought iron pipe held by long through bolts. Hub-to-hub measurement, 33 in. Height to top of tank, 30 in. 6 ft. of  $\frac{1}{2}$ -in. "Deco" discharge hose and "Bordeaux" nozzle are furnished. Shipping Weight, including cart, when crated, is about 120 lbs. \$52.50.

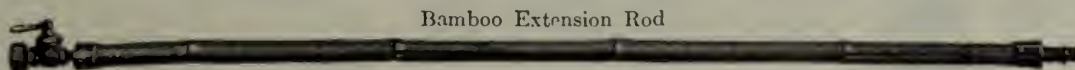


The "Gardener's Choice" Sprayer

**AUTO SPRAY NO. 40D.** A handy sprayer for handling whitewash, cold water paint and all insecticides. Every country place should have one. It has a 12 gallon galvanized tank equipped with a displacement type pump with graphite packing. All the working parts are adjustable from the outside. The  $1\frac{1}{2}$ -in. plunger is brass with a 3 to 5 inch stroke as wanted. Brass ball valves. Generates 150 to 175 lbs. pressure per square inch. The suction pipe is fitted with a brass strainer. The agitator is operated from the handle. A wide flange on the top of the tank prevents slopping over. Wheels 20 inches in diameter, make wheeling easy over uneven ground. Has 8 ft.  $\frac{3}{8}$ -in. hose, lever shutoff and a screen nozzle. Shipping weight 75 lbs. Each, \$33.00.



"Auto Spray" No. 40D



Bamboo Extension Rod

**Bamboo Extension Rod.** This consists of a 10 ft. metal tube inserted in a bamboo rod. It is strongly reinforced where the shutoff is attached to the tube to prevent breakage when dragging the hose. The tube is  $\frac{1}{4}$ -in. inside diameter, and is fitted with a leakless stopcock with  $\frac{1}{4}$ -in. female pipe thread. The other end of extension is fitted for brass coupling,  $\frac{1}{4}$ -in. male pipe-thread to fit the nozzle. Each, \$8.50.

**Iron Extension Pipe** made of  $\frac{1}{4}$ -in. galvanized iron pipe, 8 ft. lengths, fitted with stopcock. Each \$4.00. Per extra ft., 25c.

## Important Instructions For the Care of Sprayers

Always empty remaining solution, and pump through some clean water after using. Turn upside down to free outfit of all water. Clean thoroughly before putting away at the end of the season. Never leave sprayers where they will freeze; if the cylinders are iron they are apt to crack, and if brass they will expand.



## Compressed Air Sprayers

**"AUTO SPRAY" NO. 1.** A strong, simple sprayer for garden and truck crops. Two pumpings will discharge the contents of the 3½-gal. tank of galvanized, or heavy sheet brass. (We strongly recommend the brass as it will not corrode with strong solutions). The brass pump is within the tank protected from injury. Made without screws or bolts. Requires no tools to take it apart. A half turn of the handle closes the filler opening. Equipped with an automatic shutoff (the Auto Pop), a clog-proof nozzle, 2 ft. ½-in. extra quality rubber hose, and shoulder strap. Full instructions, illustrated repair list and spray calendar free with each.

Galvanized steel, \$9.00; Brass, \$12.00.

**EXTRA PARTS.** Auto Spray Nozzle. Does not clog, 80c.

**Auto Pop and Auto Spray Nozzle.** Simply closing the hand operates the lever that opens the valve. Closes automatically on releasing. \$1.75, with hose and fittings, \$2.50.

**Brass Extension Pipe.** 2 ft. 70c.

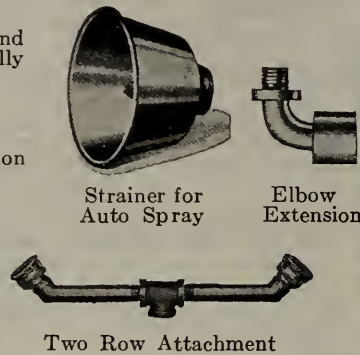
**Brass Strainer** for filling tank, \$1.50.

**Elbow Extension.** Brass, used in connection with the extension pipe for spraying low growing vines, like Cucumbers, 35c.

**Two Row Attachment.** One nozzle, brass, \$1.50.



Brass Extension Rod



Strainer for Auto Spray

Elbow Extension

Two Row Attachment



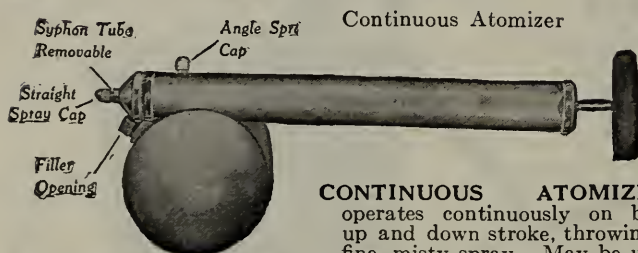
Auto Spray Nozzle

**LOWELL FOUNTAIN SPRAYER.** The best sprayer for florists' use in greenhouses. All of the tobacco extracts can be used to best advantage with this sprayer. One charge is sufficient to expel its entire contents. Having convex heads, entire contents can be drained out, leaving it perfectly dry when not in use. Absolutely air-tight and strong, standing five times the air pressure necessary to operate. 3 ft. of ¾ in. three-ply rubber tubing with spray nozzle for small tree and shrub spraying; funnel with brass wire strainer cloth for filling, and shoulder strap with each, also attachment to spray the under side of leaves. Capacity of tank, 3 gals. Galvanized steel, \$8.00 each; brass, \$11.50 each.

**EXTRA PARTS.** Hose Attachment with Nozzle, complete, \$1.00.

**Brass Extension Rods.** 2 ft. 70c. Nozzles, 35c. Spray Crooks, 75c. Strainers for filling, 25c.

## HAND SPRAYERS



**CONTINUOUS ATOMIZER,** operates continuously on both up and down stroke, throwing a fine, misty spray. May be used for all solutions and insecticides, for greenhouse, kitchen garden, Rose bushes and shrubbery.

A special nozzle permits the spraying on the underside of leaves. 1 qt. galvanized, \$1.50; brass, \$1.75; 2 qt. galvanized, \$1.75; brass, \$2.25.

**CYCLONE No. 4.** Made of heavy metal; suitable for all kinds of spraying where a hand sprayer is practical. The funnel about the opening insures the perfect forming of the spray. Holds 1 qt. Brass, \$1.25; tin, 60c.



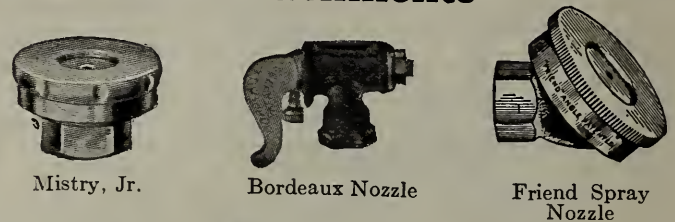
**"DUSTER BROWN."** Especially designed to meet the increasing demand for a dependable sprayer to distribute dry insecticides. Tin, nicely japanned. Holds about 1 qt. \$2.75.

Simple and effective. Light and durable. Spreads dry powders perfectly. Nicely finished. Any Mason jar fits it. Each \$1.00.

**MIDGET.** Used more particularly in houses for applying germicides and disinfectants. Efficient and popular. Holds 1 pt. Tin 50c.

It is folly to allow the fruits of the garden or orchard to be ruined by insects and diseases when efficient spraying will correct the evils and do much to produce perfect specimens. Learn what your trouble is, use the proper sprayer, the proper remedy, and do the work in season and thoroughly. We believe our list contains the best possible articles for this work and commend these pages to you.

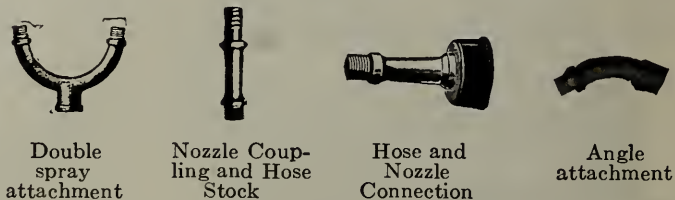
## Insecticide Spray Nozzles and Attachments



Mistry, Jr.

Bordeaux Nozzle

Friend Spray Nozzle



Double spray attachment

Nozzle Coupling and Hose Stock

Hose and Nozzle Connection

Angle attachment

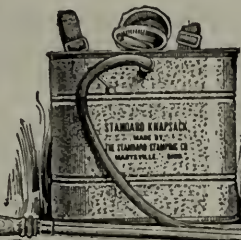
	Price
<b>Bordeaux Nozzle.</b> Brass. Throws a fine, medium or coarse spray, or can be shut off altogether; easily disgorged; the best all-around spray nozzle made.....	\$1.85
<b>Friend.</b> One of the best recommended nozzles for tree spraying, etc. Angle spray or straight spray.....	1.50
<b>Mistry, Jr.</b> Brass with hardened steel disc placed in discharge cap, easily removed. It is entirely satisfactory under all conditions, producing a perfect mist and covering a wide area. A coarse and fine disc supplied with each nozzle.....	1.35
<b>Vermorel.</b> Cut for ¼ in. pipe. One spray.....	1.25
<b>Double Spraying Attachment.</b> For using two nozzles at the same time, 95c. <b>Angle Attachment.</b> For under-spraying.....	.50
<b>Hose and Nozzle Connection.</b> For ½-in. or ¾-in. regular hose coupling. Small end threaded ¼ in., takes any of our nozzles.....	.70
<b>Nozzle Coupling and Hose Stock.</b> ¼-in. pipe thread, other end for either ¾-in. to ½-in. hose.....	.50
<b>Nozzles for Regular Hose Use.</b> See page 163.	



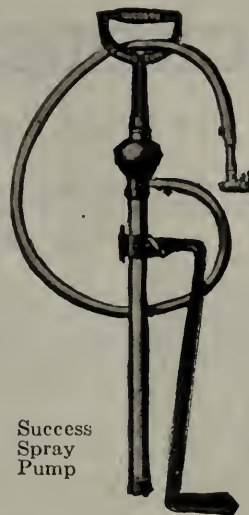
# BUCKET PUMPS

**STANDARD SPRAY PUMP.** A popular all brass, direct acting force pump of merit for fruit trees, small fruits, potatoes and whitewashing. Nozzle No. 1 and No. 2 used together throw a stream of spray 25 feet. Nozzle No. 2 throws a straight round stream 40 to 50 feet. Nozzle No. 3 or "Mist" nozzle throws a very fine spray especially adapted for spraying vineyards, truck crops, bushes, young trees, spraying whitewash, and for destroying vermin on stock.

The Knapsack is a 5-gal. tank of heavy galvanized iron with carrying straps, brass strainer in filler cap ready for attaching to the pump. The Potato attachment is valuable to spray the under side of the foliage without stooping or working in an uncomfortable position. Pump with 2½ ft. hose and full set nozzles, each.....\$6.50  
Knapsack, \$4.50; Potato Attachment......75



Showing Knapsack Sprayer with Potato Attachment and Pump



Success Spray Pump



Perfect Success! Spray Pump

**"AUTO SPRAY" NO. 6.** Pump, valves and strainers are of brass, simply and strongly made and easily cleaned. A 3-ft. hose and two nozzles are supplied.....\$6.50

**"SUCCESS."** Identical with the Perfect Success except that the foot rest is without the bucket clamp. Will last a lifetime....10.00

**PERFECT SUCCESS.** Without doubt the most popular bucket pump on the market. All working parts are brass. Nothing to rust or corrode. Malleable iron adjustable foot rest. The Bordeaux nozzle, the best combination nozzle on earth, and 3 ft. ½ in. hose are furnished. Mailing weight, 11 lbs.....\$11.00  
Extra hose at 20c. per ft.

## BELLOWS, DUSTERS AND FUMIGATORS

### BELLOWS.

<b>Fluid Vaporizing.</b> Small size.....	Price \$4.00
<b>Sulphur.</b> For applying sulphur, Hellebore, etc., to plants.....	4.00
<b>Woodason's Double Cone Powder.</b> For dusting plants with dry powders for insects and fungus. This double cone bellows can be held in any direction without wasting powder, as it regulates its own supply, and it does not clog up, dusting under the leaves as well as on top. The best article ever invented for destroying insects in the conservatory, garden, orchard or field....	6.50
<b>Woodason's Single Cone.</b> Large size.....	4.50
Small size (for conservatory and home use).....	3.00

### DUSTERS.

<b>Blow Powder.</b> Handy and successful as a distributor of insect powders.....	.90
<b>B-D Sifter.</b> A practical, simple and economical device for dusting dry insecticides to all plants requiring a top application....	.80
<b>Champion.</b> For applying any dry powder such as Paris Green, Hellebore, etc., on plants or trees, the powder being evenly distributed over a wide space and with the least possible waste....	18.00
<b>Dickey.</b> An excellent article for using Bug Death, Slug Shot, etc....	.60
<b>"Dust All."</b> See opposite page for an illustration.....	1.00
<b>"Duster Brown."</b> A new powder gun.....	2.75
<b>For Paris Green.</b> Bottoms finely perforated for applying Paris Green mixtures and Slug Shot.....	.15

### FUMIGATORS.

**Defiance.** For using Nico-Fume or other insecticides in the liquid form. This fumigator has a tin cup for the liquid, placed over the lamp to vaporize. No glass about the lamp to be broken.... .75

**Eureka and Perfection.** Perfection contains a water tank; this tank being between the fire and the outside body, it prevents the body from burning out.

	Perfection	Eureka
No. 1 holds 1 pk. stems.....	\$5.50	\$2.75
No. 2 holds ½ bus. stems.....	6.50	3.75
No. 3 holds ¼ bus. stems.....		4.50

## SYRINGES

**Brass Syringes.** All our syringes are brass, highly polished and lacquered and made with the best workmanship possible.

A. Barrel 12 in. long, 1 spray and 1 stream jet.....	3.00
2. Barrel 13½ in. long, 1 coarse and 1 fine spray.....	5.00
10. Barrel 18 in. long, 1 coarse and 1 fine spray, rose and stream jet with patent valves, elbow joint.....	7.75
G. Barrel 16 in. long, 1 spray rose and 1 stream jet and elbow joint.....	5.50
H. Barrel 18 in. long, sheet brass, 1 fixed spray rose.....	3.50
11. Same as No. 10 without valve.....	6.00

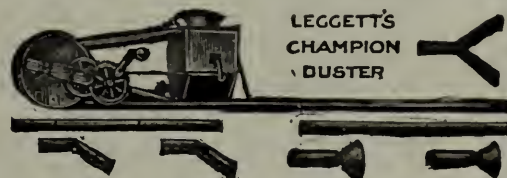
Your time and strength are too valuable to expend with poor tools. Get the best, without regard to price.



B-D Sifter



Woodason's Bellows for Powder and Fluid



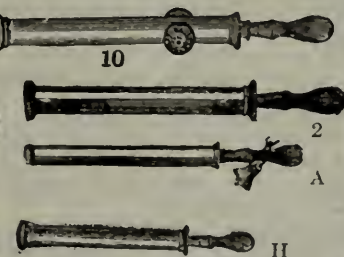
LEGGETT'S  
CHAMPION  
DUSTER



Perfection Fumigator



Eureka Fumigator



Brass Syringes



Defiance Fumigator



Blow Powder Sprayer



Dickey Duster



"Duster Brown" Sprayer



# INSECTICIDES AND FUNGICIDES

## For Insect Pests and Fungous Growths

Liquids and Poisons marked (\*) are not mailable. Other Insecticides and Fungicides may be sent at Parcel Post rates if you remit the Postage with your order.

NOTE: All prices are subject to change.

**ANT-I-CIDE** (Sterlingworth.) The best and most effective remedy for ridding your lawn of ants. An easily applied non-poisonous powder, producing quick results. Strew over the infested surface, one pound to every 200 square feet of surface.



1 lb. 30c., 5 lbs. \$1.25, 25 lbs. \$5.00.

**\*ANTI-CROW CORN OIL.** (Sterlingworth.) A non-poisonous oil for protecting newly planted corn from crows and blackbirds. Corn treated with this oil will run through a seeder better than when treated with tar. Pt. 35c., qt. 60c., gal. \$1.50.

**\*APHINE.** Effective against all soft-bodied and plant-sucking insects such as green, black, white fly, red spider, thrips, mealy bugs, brown and white scale, currant and cabbage worm, etc. Use as a spray or wash, diluting in water. An excellent cleanser for house plants.

Gill 25c., ½ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00.

**\*ARBO** (Sterlingworth.) An excellent combination fungicide and insecticide for general use on vegetables and fruits, except the Peach and Japanese Plum. Sticks like glue. Ready for use by mixing 1 pound with 5 gals. cold water. 1 lb. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.



**\*ARSENATE OF LEAD, PASTE.** Kills all leaf-eating insects like potato bugs, rose bugs, fruit tree worms, gypsy and brown-tail moths, caterpillars, elm leaf beetles, etc., and sticks like paint to the leaves. It is easy to apply, and won't injure the most tender foliage. 1 lb. 50c., 5 lbs. \$2.25, 10 lbs. \$3.75, 25 lbs. \$7.75, 50 lbs. \$13.00, 100 lbs. \$22.50, 300 lbs. \$62.00.

**\*ARSENATE OF LEAD, DRY.** Has all the advantages of the paste form but goes twice as far and is easier to handle. Can be applied like Paris Green with powder guns. Gaining in favor. ½ lb. 40c., 1 lb. 75c., 5 lbs. \$3.15, 10 lbs. \$5.50, 25 lbs. \$12.00, 50 lbs. \$22.00, 100 lbs. \$40.00.

**\*\*“BLACK LEAF 40”** (Sulphate of Nicotine.) Highly recommended for destroying aphids, thrips, etc., without injury to foliage. Perfectly soluble in water; no clogging of nozzles. 1 oz. 25c., ½ lb. \$1.00, makes 50 gals.; 2 lbs. \$3.25, 10 lbs. \$13.75.

**\*BORDEAUX MIXTURE, LIQUID** (Sterlingworth.) Very effective in preventing and checking all fungous diseases, such as potato rot, potato blight, rust, mildew and diseases of grape. Qt. 40c., gal. \$1.25, 5 gals. \$5.25, 10 gals. \$9.00.

**BORDEAUX MIXTURE, DRY** (Sterlingworth.) In a popular and convenient form for immediate use; can be used dry or with water. 1 lb. 35c., 5 lbs. \$1.50.

**BORER OIL** (Sterlingworth.) A few drops squirted into the tunnels made by Round or Flat Head Tree Borers will usually stop their work. An ordinary oil can is just the thing for applying. Pt. 30c., qt. 50c., gal. \$1.75



**BUG DEATH.** A non-poisonous powder, sure death to potato, squash and cucumber bugs, currant and tomato worms; safe to handle. Apply dry or in water. 1 lb. 20c., 3 lbs. 50c., 5 lbs. 75c., 12½ lbs. \$1.70, 100 lbs. \$11.00.

Dickey Duster.  
B-D Sifter.

Each 60c.  
Each 80c.

**\*COPPER SOLUTION.** An excellent spray for mildew, blight and rust on fruit, flowers and vegetables. Should be diluted 100 times with water. Qt. \$1.25., gal. \$3.60.

**\*COW COMFORT.** Protects cattle and horses from the fly pest. A sure preventive, perfectly harmless, easily applied. Its use on milch cows insures against a shrinkage of Summer milk. Is applied best by spraying. Qt. 55c., gal. \$1.60, 5 gals. \$6.75. Sprayer, 60c.

**\*CREOSOTE MIXTURE.** Recommended by the Massachusetts Gypsy Moth Commission. Is sure death to the eggs of the gypsy moth, tussock moth, and similar insects. Qt. 50c., gal. \$1.25, 5 gals. \$4.75. Brushes for applying, \$1.25, poles extra.

**CUT WORM KILLER** (Sterlingworth.)



Produces quick results. The most effective remedy yet introduced. It is non-poisonous to the user or animals. It is so alluring to cut worms that they are attracted to it in place of any vegetation. One pound sufficient for 175 plants in hills and for 150 feet of drill.

Lb. 30c., 5 lbs. \$1.25, 25 lbs. \$5.00.

**\*FORMALDEHYDE.** A very efficient destroyer of disease germs affecting both animal and plant life, especially seed potatoes affected with scab. Dilute one pound to 30 gallons of water, 1 to 2 gallons sufficient for one bushel of seed.

Lb.-bottle \$1.00. (Unmailable.)

**\*FUNGINE.** An infallible remedy for mildew, rust, and other blights affecting flowers, fruits and vegetables. Equally effective under glass and out of doors. A sulphur composition which contains no sediment and does not stain the foliage. Dilute one gallon to 50 gallons. ½ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00.

**GISHURST'S COMPOUND** (Imported.) For destroying red spider, mealy bug, scale, thrips, etc. Box 50c.

**GRAPE DUST.** Very efficient in destroying mildews and preventing blights, either in greenhouses or in the open. Lb. 35c., 5 lbs. \$1.00.

**HE-BO** (Sterlingworth.) A substitute for Hellebore. Dust on vegetation affected with rose slugs, currant worms, cabbage worms, etc. ½ lb. 20c., lb. 35c.

**HELLEBORE.** Effective dry or mixed with water for worms on currants, gooseberries, etc., where a violent poison like Paris Green or Arsenate of Lead is objectionable.

¼ lb. 20c., ½ lb. 36c., lb. 70c.

**\*“IMP” SOAP SPRAY.** The base is pure soap. It contains vegetable poisons, harmless to plants, but peculiarly effective against red spider on fruits, the rhododendron fly, rose bug and other insect pests on fruits, flowers and foliage. It sticks, but can be easily washed off before marketing. One gallon makes 12 gallons. Qt. 80c., gal. \$2.35, 5 gals. \$10.00, 10 gals. \$18.50.

**\*KEROSENE EMULSION** (Sterlingworth.) An old reliable remedy for use against many soft bodied and sucking insects like plant lice, scale, mealy bug, etc. Kills by contact. Pt. 30c., qt. 50c., gal. \$1.25, 5 gals. \$5.00.





## INSECTICIDES AND FUNGICIDES—Continued

**LAWN SAND, CLIMAX.** Adheres to the rough hairy leaves of Dandelions, Plantains and other noxious weeds in lawns and destroys them. Also acts as a fertilizer.  $3\frac{1}{2}$  lbs. 75c., 7 lbs. \$1.25, 14 lbs. \$2.00, 28 lbs. \$3.50, 56 lbs. \$6.00.



**\*LEMON OIL.** The cheapest and one of the most effectual insecticides for cleaning palms, ferns and rubber plants of lice, scale, mealy bug, spider, thrips, black and green fly, mites, ants and mildew. Remarkable results are obtained when used on pet animals for fleas, skin diseases and mange.

Full directions on package.  $\frac{1}{2}$  pt. 35c., pt. 60c., qt. \$1.00,  $\frac{1}{2}$  gal. \$1.50, gal. \$2.50, 5 gals. \$10.50.

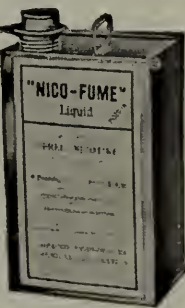
**LIMITE.** Made from pure lump lime. Used for squash and cucumber vines and potatoes. Also fine for liming the soil where it has become sour. Lb. pkg. 10c.

**LIME SULPHUR, DRY.** (Sherwin-Williams.) Thoroughly effective against the same insect pests as the liquid. Dissolves readily and completely. No danger of freezing in transit and shipping expense is cut. Use 8 to 10 tablespoons to each gallon, or 10 to 14 lbs. to 50 gallons of water as a dormant spray. Lb. 35c., 5 lbs. \$1.40, 10 lbs. \$2.40, 25 lbs. \$4.75, 50 lbs. \$8.75, 100 lbs. \$15.00, 200 lbs. \$27.50.

**\*LIME SULPHUR SOLUTION.** (Bowker's Concentrated). A valuable and effective spray or wash for San Jose scale, bark lice and many fungi that winter on the bark. Dilute with ten parts of cold water and apply while the trees are dormant. Qt. 40c., gal. \$1.25, 5 gals. \$3.75, 10 gals. \$6.50, 50-gal. bbls. ask for price.

**\*MAGGOT ACID** (Sterlingworth). Useful against that maggot which railroads your carrots, turnips, radishes and causes your squash vines to die overnight. Mix with 10 parts of water and pour around the roots of the plants likely to be attacked. Apply early as a preventive. Pt. 30c., gal. \$2.80.

**\*NICO-FUME LIQUID.** A highly refined solution, containing 40 per cent. nicotine, for spraying as a remedy for aphids, thrips, black and white fly. May be used for vaporizing.  $\frac{1}{4}$  lb. 65c., lb. \$2.00, 4 lbs. \$7.50, 8 lbs. \$14.50.



**NICO-FUME TOBACCO PAPER.** Consists of a paper saturated with a nicotine solution containing not less than 20 per cent. of nicotine. A most effective mode of fumigation for conservatories and greenhouses, leaving no odor in the flowers. Tight can of 24 sheets \$1.25, 144 sheets \$5.00, 288 sheets \$9.50.

**\*NIKOTEEN.** Either for fumigating or spraying. One of the most efficient insecticides for greenhouse use, to combat the black and white fly on Roses and Carnations. Particularly effective in the open, when used for aphids on Sweet Peas, Roses and Nasturtiums; 30 per cent. nicotine. Bottles of  $1\frac{3}{4}$  ozs. 55c.,  $\frac{1}{2}$  lb. \$1.25.

**\*NO-SCAB** (Sterlingworth). Grain Smut prevails wherever oats and other grains are grown. Potato scab is also more prevalent each year. Never plant potatoes without first treating them with No-Scab.

$\frac{1}{2}$  lb. bottles \$1.00, lb. bottles \$1.50.

**\*PARIS GREEN.** More extensively used than any other poison. Purest of all brands.  $\frac{1}{4}$  lb. 20c.,  $\frac{1}{2}$  lb. 36c., lb. 70c. Special price on large quantities.

**\*PLANT LICE KILLER** (Sterlingworth). Exclusively for use on house plants and vegetables infested with plant lice. Dilute 1 part to 15 parts water and apply as a fine spray. Pt. 30c., qt. 50c.



**\*PYROX, BOWKER'S.** The one best spray for apples, potatoes and general purposes against leaf-eating insects and fungous diseases. This combined insecticide and fungicide is better than Paris Green, Arsenate of Lead or Bordeaux Mixture and cheaper to use. It sticks to foliage like paint in spite of heavy rains. Mix with cold water and it is ready to use. Lb. 45c., 5 lbs. \$1.90, 10 lbs. \$3.25, 25 lbs. \$6.75, 50 lbs. \$11.75, 100 lbs. \$21.00, 300 lbs. \$60.00.

**\*RED SPIDER EMULSION** (Sterlingworth). "Red Spider" has long been one of the most serious pests of greenhouse plants. Cucumber plants are often seriously injured and various ornamentals are no less immune. As a reliable control use 1 part to 16 parts water. Qt. 50c., gal. \$1.75.

**\*SCALECIDE.** Sure death to the San Jose scale. A soluble petroleum spray for use in orchards. It is economical, effective, and acts as a fungicide. Qt. 70c., gal. \$1.75, 5 gals. \$7.00, 10 gals. \$12.00, 30 gals. \$30.25, 50 gals. \$45.00.

**SLUG SHOT.** A light, composite, fine powder, easily distributed either by duster, bellows, or mixed with water. Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, lice, slugs, sow bugs, etc. Also strongly impregnated with fungicides. Lb. carton, perforated top, 25c., 5 lbs. 60c., 25 lbs. \$3.00, 125 lbs. \$13.00.



**SULPHO-TOBACCO SOAP.** The most convenient form of tobacco as an insecticide for general use, and most effectual as a contact poison for insects infesting both plant and animal life. Applied either as a spray or a wash. 3-oz. pkg. 12c.,  $\frac{1}{2}$  lb. 25c.

**SULPHUR.** Prevents mildew on grape vines, bushes, etc. Lb. 10c., 5 lbs. 40c.

**TANGLEFOOT.** A safeguard for trees, shrubs, etc., against the gypsy moth and canker worm. It should be applied before the foliage appears, a continuous band, 2 in. wide and 1-16 to  $\frac{1}{8}$  in. in thickness, around the trunk of the tree 3 or 4 ft. from the ground.

Lb. 50c., 3 lbs. \$1.45, 5 lbs. \$2.40, 10 lbs. \$4.50, 20 lbs. \$8.75.

**\*THRIP JUICE NO. 2.** Originally made to destroy and keep off thrips on grapes, but found to be very effective against aphids, red spider, mealy bug, soft scale and sucking insects. Dilute with from 16 to 40 parts water. Pt. 75c., qt. \$1.25, gal. \$3.75.

**TOBACCO DUST.** Valuable as an insecticide and fertilizer. Sure preventive for green fly, and better as a mulch than the stems. Dusting. Lb. 10c., 5 lbs. 40c., 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.50. Burning. 25 lbs. \$1.50, 50 lbs. \$2.75, 100 lbs. \$5.00.

**TOBACCO STEMS.** For fumigating. Valuable as a mulch for rose beds and sweet peas.

25 lbs. 75c., 50 lbs. \$1.25, 100 lbs. \$2.00.

**\*VERMINE.** For all soil vermin such as cut, eel, wire and grub worms, slugs, root lice, maggots and ants. Dilute one part to 400 parts water, thoroughly soaking the ground. Does its work effectively without injury to vegetation, and protects your crops and lawns against the ravages under the soil.

Gill 25c.,  $\frac{1}{2}$  pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00.

**WEED KILLER, CLIMAX.** Tin No. 2, makes 100 gallons liquid, \$3.00; tin No. 1, makes 25 gallons liquid, \$1.50.

**WEED KILLER** (Sterlingworth). A dry powder, to be dissolved in water, especially for use on walks, drives, tennis courts, golf links, etc. When applied to vegetation it completely destroys all kinds of weeds, grass. Lb. makes 10 gals., covers 45 to 60 sq. yds. 50c., 5 lbs. \$2.00.

**WHALE OIL SOAP, with Tobacco.** A very effective, simple and cheap preparation for the preservation of trees, shrubs, plants, vines, rose bushes, etc., from the ravages of insects. Lb. 35c., 5 lbs. \$1.25, 10 lbs. \$2.40.

**\*XL-ALL, RICHARD'S LIQUID INSECTICIDE.** Destroys mealy bug, red spider, etc. Pt. \$1.35.



**\*XL-ALL, RICHARD'S VAPORIZING COMPOUND.** For the destruction of insects in greenhouses. No. 2 bottle, for 20,000 cu. ft., \$6.00; No. 1 bottle, for 40,000 cu. ft. \$10.00.

Vaporizing Fumigator for same (Richard's), \$1.50.



# FERTILIZERS

FOR LAWNS AND MEADOWS,  
FARM, GARDEN AND GREENHOUSE USE

All Prices are F. O. B. Boston and subject to change without notice

The yield and quality of vegetables rely upon continuous and rapid growth and it is neither economical nor wise to depend on the natural fertility of the soil or merely the application of stable manure for profitable crops. It has been demonstrated that Lettuce becomes bitter and tough, Radishes sharp and pungent, Beets stringy and tasteless where a delay in growth occurs. The principles of success with a garden consist of careful preparation of the soil, a good application of high grade fertilizers and thorough cultivation.

## LAWN AND GARDEN DRESSING

If you want a thick, velvety lawn with a luxuriant growth of grass, or a garden where vegetables grow quickly, and are tender and sweet use this superior chemical dressing. It is clean to handle and practically odorless. It is not unsightly as is stable manure and, best of all, it gives results. Use 10 lbs. for every 1,000 square feet of lawn and double the quantity for gardens. It is good for flower beds too. Try it!

10 lbs. 65c., 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$4.00

## BOWKER'S SURE CROP PHOSPHATE

A safe, reliable fertilizer for general purposes. Especially adapted to crops needing a generous amount of phosphoric acid and but little nitrogen or potash. Use 500 to 1,000 lbs. per acre. Analysis: Ammonia, 1 per cent.; available phosphoric acid, 8 per cent.; potash, 2 per cent.

100 lbs. \$3.00, ¼ ton \$13.75, ½ ton \$27.00, ton \$53.00

## BOWKER'S HILL AND PHOSPHATE DRILL

Valuable for use in hills or drills with farm grains, or for sowing broadcast on grass land. Excellent for Corn, Cabbage, Millet and other forage crops. Use 600 to 800 lbs. per acre, depending on the natural fertility and composition of the soil, less on heavy soils than on light. Analysis: Ammonia, 3 per cent.; available phosphoric acid, 9 per cent.; potash, 2 per cent.

50 lbs. \$2.25, 100 lbs. \$4.00, ¼ ton \$17.75  
½ ton \$34.75, ton \$68.50

## BOWKER'S POTATO AND VEGETABLE PHOSPHATE

An excellent complete fertilizer for Potatoes and other root crops where a quick, strong growth is essential. Splendid for small fruits and garden truck. Apply 100 lbs. to every 4,000 sq. ft. Analysis: Ammonia, 2 per cent.; phosphoric acid, 8 per cent.; potash, 3 per cent.

50 lbs. \$2.00, 100 lbs. \$3.50, ¼ ton \$16.25  
½ ton \$32.00, ton \$63.25

## STOCKBRIDGE MARKET GARDEN MANURE

A splendid brand, high in potash that has been so scarce in recent years. Suitable for all truck crops with or without stable manure. Quick to start, lasting and sure as to results. Highly recommended. Use 400 to 800 lbs. per acre, according to the crop need. Analysis: Ammonia, 4 per cent.; available phosphoric acid, 8 per cent.; potash, 4 per cent.

100 lbs. \$4.50, ¼ ton \$20.75, ½ ton \$40.75, ton \$80.75

## BOWKER'S ACID PHOSPHATE

For top dressing and mixing with other fertilizers.

100 lbs. \$2.75, ¼ ton \$12.50, ½ ton \$24.25, ton \$47.75

## LOWELL ANIMAL FERTILIZER

A Complete Manure for All Crops. This brand is an unsurpassed all-around fertilizer and we confidently recommend it as an unequalled crop producer for general crops. Ammonia, 3 per cent.; available phosphoric acid, 8 per cent.; potash, 4 per cent.

100-lb. bag \$4.00, ¼ ton \$18.25, ½ ton \$36.00,  
ton \$71.00.

## FINE GROUND BONE TANKAGE

6 to 7 per cent. ammonia, 30 to 35 per cent. bone phosphate; equal to 13.75 to 16 per cent. phosphoric acid.

100 lbs. \$3.75, ¼ ton \$17.00, ½ ton \$33.50, ton \$66.00.

## CRACKED BONE

For grape vines, fruit trees, shrubs and trees of all kinds. Should be used when planting out and should be well mixed with the soil to the depth of a foot or more.

5 lbs. 50c., 25 lbs. \$1.50, 100 lbs. \$5.00, ¼ ton \$24.00,  
½ ton \$47.00, ton price, on application.

## PURE BONE MEAL

Ground very fine and an excellent fertilizer for pot plants. Bone meal may be used as a general all-around fertilizer for vegetables, flowers, shrubs and in greenhouse work.

Bone meal and hard wood ashes mixed in equal parts and applied at the rate of 1000 lbs. per acre, will give marvelous returns on grass land. The bone supplies slowly available nitrogen and phosphoric acid, while the wood ashes are rich in potash and lime. The lime is especially desirable for sweetening soils where blue grass lawn seed mixtures are to be sown, for blue grass thrives best where the soil is sweet. Double the quantity when applying the mixture as a top dressing to cultivated crops.

5 lbs. 35c., 25 lbs. \$1.15, 50 lbs. \$2.00, 100 lbs. \$3.25,  
¼ ton \$15.75, ½ ton \$30.50, ton price, on application

## AMMONIATES

### NITRATE OF SODA

15 to 16 per cent. nitrogen. Equal to 18 to 19 per cent. ammonia. Break up the lumps before using. Apply in the home garden as a solution one ounce to two gallons of water. For Asparagus use 250 lbs. per acre when growth starts. For Strawberries top dress with 100 lbs. per acre just after blossoming. For other crops use 100 lbs. per acre when the plants are well established.

Lb. 15c., 5 lbs. 50c., 25 lbs. \$2.00, 50 lbs. \$3.75,  
100 lbs. \$7.00. Prices on larger quantities  
on application.

### SULPHATE OF AMMONIA

20 per cent. nitrogen; 24 to 25 per cent. ammonia.

Price on application

### DRIED BLOOD

Used to a great extent as a top dressing to produce quick growth, especially adapted to greenhouse use. 12 per cent. ammonia.

Price on application

## IMPORTED FERTILIZERS

### CLAY'S FERTILIZER

Highly recommended by the leading horticulturists in the cultivation of fruits, flowers and vegetables for exhibition. Most productive and economical fertilizer for all horticultural purposes.

Original bags of 7 lbs. \$1.50; 14 lbs. \$2.75, 28 lbs. \$5.00, 56 lbs. \$9.00, 112 lbs. \$16.00.

### SOOT, IMPORTED SCOTCH

Prevents mildew when mixed with sulphur at the rate of one-third sulphur and two-thirds soot. As a fertilizer it promotes growth and improves color of foliage and flower.

Price on application.

### THOMPSON'S

#### SPECIAL CHRYSANTHEMUM MANURE

Entirely soluble and very powerful; especially suitable for top dressing for Chrysanthemums and similar plants. It is meant to be used as an additional stimulant during the growing season. A heaped dessert spoonful will be sufficient for a 10-in. pot, sprinkled over the surface of the soil and watered in with tepid water. This may be given three times during the growing season.

7 lbs. \$1.25, 14 lbs. \$2.00, 28 lbs. \$3.50, 56 lbs. \$6.00.

### THOMPSON'S

#### VINE, PLANT AND VEGETABLE MANURE

A safe and reliable food and stimulant for every fruit-bearing plant, also foliage and flower plants and vegetables. For making up a grape vine border use ½ cwt. to a ton of loam for surface dressing or 1 lb. per yard, when the crops are thinned. A little fine soil should be mixed with the fertilizer when roots are near the surface.

7 lbs. \$1.00, 14 lbs. \$1.50, 28 lbs. \$2.75



# FERTILIZERS

All prices are F. O. B. Boston and subject to Market Variations.

## "WIZARD BRAND" NATURAL MANURES

**PULVERIZED SHEEP MANURE.** The best, most convenient and economical natural manure. Safe for all particular uses, such as golf course, country club and park lawns, market gardens, etc., in which the introduction of weeds and foreign grasses would be extremely objectionable. If you really want the greenest kind of a velvety lawn and gardens that will be a delight to possess, flowers of rare foliage and bloom, fruits, vegetables and berries that come near to perfection, give your soil a good dressing of Wizard Brand Sheep Manure the first thing this Spring. It does not fill your lawn with noxious weeds; it is always ready and clean to use, also easy to apply. As a top-dressing for lawns broadcast, about 100 lbs. per 2000 sq. ft., or 1 ton per acre. Lb. 10c., 5 lbs. 35c., 10 lbs. 70c., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.25,  $\frac{1}{4}$  ton \$15.00,  $\frac{1}{2}$  ton \$29.25, ton \$57.50.

**SHREDDED CATTLE MANURE.** A splendid substitute for stable manure in gardens and greenhouses where it is desirable to supply plant food, humus and organic matter. Excellent for composting.

Price of either, 100 lbs. \$3.00,  $\frac{1}{4}$  ton \$13.50,  $\frac{1}{2}$  ton \$26.00, ton \$50.00.

## ASHES

### CANADA UNLEACHED HARDWOOD

Our unleached hardwood ashes are rich in lime and potash, and if used as a top-dressing for lawns, meadows and pastures at the rate of  $\frac{1}{2}$  to 1 ton per acre, the grass will attain a vigorous growth of a rich dark green. If mixed with bonemeal they will provide an unusually fine dressing for all kinds of truck and farm crops as well as for orchards and small fruits. They also destroy many insects injurious to grass roots. Analysis, 3 to 5 per cent. potash.

50 lbs. \$1.25, 100 lbs. \$2.00,  $\frac{1}{4}$  ton \$9.50,  $\frac{1}{2}$  ton \$18.25, ton \$35.50.

## LIMESTONE — PLASTER — SALT

**LAND LIMESTONE.** The use of lime to "sweeten soil" is an old practice and is still popular, for lime is essential to plant life, a corrective for improper mechanical conditions and gives direct results through increased crop production. (Clovers and Alfalfa cannot be grown on sour soil.) Although not a fertilizer, it acts indirectly on plant food in the soil, unlocking what otherwise would not be available. Limestone is not caustic and may be used with safety at any season. 2,000 to 6,000 lbs. per acre should be used on heavy soils, 1,000 to 3,000 lbs. to the acre on sandy soils, according to their need. 100 lbs. \$1.15, 500 lbs. \$4.50,  $\frac{1}{2}$  ton \$8.25, ton \$16.00. In lots of three tons or over, \$14.50 per ton.

**LAND PLASTER.** Excellent for composting and fertilizing; is also used for preventing bugs from destroying Cucumber, Melon and Squash vines.

5 lbs. 20c., 25 lbs. 60c., 100 lbs. \$1.50,  $\frac{1}{4}$  ton \$6.25,  $\frac{1}{2}$  ton \$11.50, ton \$22.50.

**AGRICULTURAL SALT.** Used for top-dressing Asparagus beds. About one-half ton is required for the acre, which should be applied as early as possible in the Spring. Bag about 140 lbs. \$2.25.



**PULVERIZED CATTLE MANURE.** Valuable for top-dressing lawns, perennial beds and gardens. Especially adapted to mixing with soil for potting all kinds of flowers and bulbs.

## POTTING MATERIALS

**CHARCOAL.** Coarse and fine. For general use in potting plants to keep the soil sweet.

2 lbs. 15c., 10 lbs. 60c.; ask for prices on larger quantities.

**COCOANUT FIBER.** Desirable to mix with potting soil. Cuttings of tender plants can be safely propagated in it, quickly and successfully. Unequaled as a Winter protection for half hardy plants. 5 lbs. 30c., 10 lbs. 50c., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.00.

**LEAFMOLD.** Very essential for growing plants.  $\frac{1}{2}$  pk. 30c., pk. 50c., bus. \$1.50, bag \$3.50.

**ORCHID PEAT, or FERN ROOT.**

Bbl. \$3.00, bus. \$1.50.

**POTTING SOIL.** Light and sufficiently rich for all kinds of pot plants.

$\frac{1}{2}$  pk. 25c., pk. 40c., bus. \$1.25, bbl. \$3.50.

**ROTTED FIBROUS PEAT.** This has become thoroughly rotted and is invaluable for potting plants.

$\frac{1}{2}$  pk. 20c., pk. 35c., bus. \$1.25, bbl. \$3.50.

**SILVER SAND.** For mixing with potting soil and for propagating. Pk. 50c., bus. \$1.50.

**SPHAGNUM MOSS.** We can furnish at almost any time of year freshly gathered or dry.

Pk. 40c., bus. \$1.25, bag \$3.25.

## PLANT FOOD FOR HOUSE PLANTS

**BONEMEAL.** Mix about 3 lbs. per bushel of soil. If outside, use 2 ozs. per sq. yard of surface.

5 lbs. 35c., 10 lbs. 65c., 25 lbs. \$1.15, 50 lbs. \$2.00.

**BOWKER'S PLANT FOOD.** Dissolve two tablespoons in one gallon of water. Apply once a week for four weeks at the start and then less often. Clean and odorless. 4 oz. package 20c., large package, 12 oz. 30c.

**FERTIFLORA.** A favorite liquid fertilizer for potted plants. No stronger solution can be safely used.

Bottle 40c. (Unavailable).

**SHEEP MANURE.** (Pulverized).

Lb. 10c., 5 lbs. 35c., 25 lbs. \$1.00, 50 lbs. \$1.75.

**STERLINGWORTH PLANT TABLETS.** Powerful and odorless, containing elements essential to healthy plant life. Dissolve in water. Trial size, 30 tablets, 10c.; medium size, 100 tablets, 25c.; large size, 250 tablets, 50c.

# Climax Lawn Sand Destroys Weeds

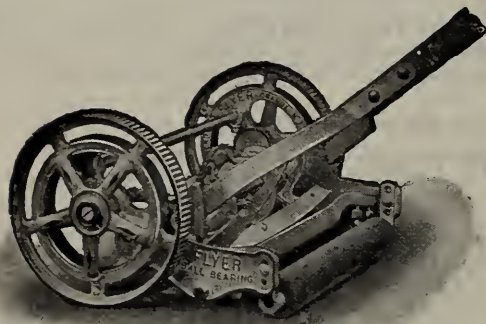
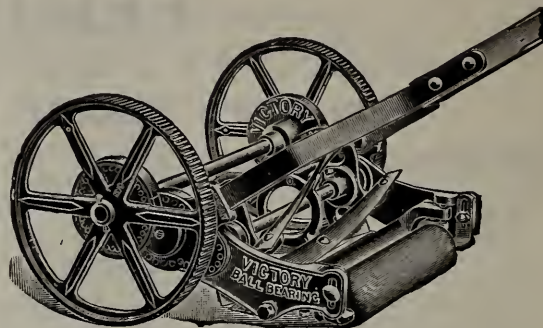
This scientific preparation has long been used successfully to destroy troublesome lawn weeds, as Daisies, moss, plantains, etc., by absorbing their sap, without injury to the smooth and finer bladed grass. The most weedy and impoverished lawn will show improvement after a single application. Daisies and moss require from three to five ounces per square yard, according to their frequency. Plantains and such flat leaved, shallow-rooted weeds are best killed by a pinch being placed directly in the crown. Stubborn cases may require a second application. Dandelions, docks and such deep rooted weeds are best killed by a pinch of Weedite. Ask for a free leaflet with explicit directions for the use of Climax Lawn Sand.

The small sizes can be sent by Parcel Post. Purchaser pays transit. See page 1 for rates.  $3\frac{1}{2}$  lbs. 75c., 7 lbs. \$1.25, 14 lbs. \$2.00, 28 lbs. \$3.50, 56 lbs. \$6.00.



# LAWN MOWERS

**TOWNSEND'S "VICTORY."** Ball bearing. While the Victory is especially adapted to cutting fine lawns, its long wheelbase adapts it to going over lawns too rough for most mowers. Its compound triple gear permits of the maximum strength with the minimum weight. These gears are entirely enclosed so that no dirt or cut grass can get into the pinions and clog them. It has a 10-in. wheel, 5½-in. reel, 4 blades, crucible steel, oil tempered; lower blade is also crucible steel, oil tempered. Of the many mowers of all makes that we repair during the year, this mower comes back with its working mechanism the cleanest. 14 in. \$21.00, 16 in. \$23.00, 18 in. \$25.00, 20 in. \$27.00.

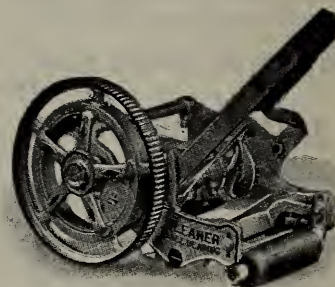


**TOWNSEND'S "FLYER."** Ball bearing. This gem of lawn mower construction is so built to give a ball bearing mower at a very low price, that we can conscientiously sell and guarantee. It is the strongest, lightest running mower of its class. Has a 9-in. wheel, 5½-in. reel, 4 blades, crucible steel, oil tempered; lower blade is also crucible steel, oil tempered. 14 in. \$15.00, 16 in. \$16.00, 18 in. \$17.00.

**TOWNSEND'S "GLEANER."** For trimming and finishing lawns. An excellent ball bearing machine that we do not hesitate to recommend for finishing and trimming fine lawns and borders. A saving of time and easier than trimming by hand, producing better results. Strong, light and durable, will cut within ¼ of an inch of wall or fence, especially adapted for narrow borders around flower beds, shrubbery and hedges. Wheels 9-in. in diameter; reel 5½ in., 4 blades, lower blade made of crucible steel, tempered. Finished in gilt and heliotrope wheels. 8 in. \$11.00, 10 in. \$11.75, 12 in. \$12.50.

**PHILADELPHIA "STYLE K."** A splendid general purpose machine for hard knocks. Exceedingly popular with the man who likes to cut his own lawn. Five blades, 10 in. wheel, 6½ in. cylinder. Single pinion, geared on both sides. 14 in. \$20.00, 16 in. \$22.00, 18 in. \$24.00, 20 in. \$26.00.

**PHILADELPHIA "ALL-DAY."** This is a strong, well made lawn mower with driving wheels 10 in., diameter of cylinder 6½ in., has 4 blades, single pinion geared both sides. The bearings bored to rifle barrel accuracy are generously large, run easy and wear long. Will run all day. 14 in. \$15.00, 16 in. \$15.75, 18 in. \$16.50.



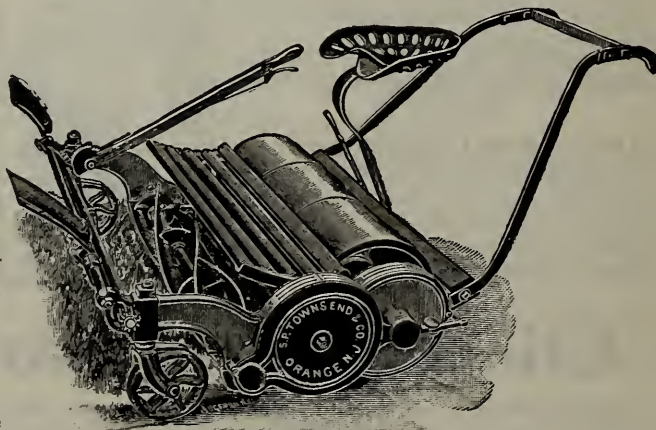
**TOWNSEND'S "GOLF WONDER."** Ball bearing. This mower will cut putting greens, golf courses and other smooth and fine lawns better than any other mower made; it was designed especially for that purpose; no wheels to tear up the sod in turning or to leave tracks. The weight of the front part of the machine is carried on a wooden roller, 6½ in. in diameter, at the rear of the cutter bar. Reel 4½ in. diameter, 6 knives, lower knife, laid steel, glass hard. 16 in. \$31.50, 18 in. \$34.50, 20 in. \$37.50, f. o. b. factory. Grass catcher complete with elevator and deflector, \$8.00 extra.

## Townsend Horse Lawn Mowers

**TRIPLEX, "THE GREATEST GRASS CUTTER ON EARTH."** Consists of three "Glorious" mowers yoked together, the two abreast in front being placed so as to leave an uncut swath, which the rear one will cut, making a clean cut of 86 inches. It rides easily over uneven ground; while one mower may be climbing a knoll, a second may be skimming a level, and the third may be paring a hollow. Much lighter than the ordinary horse mower, cutting more grass than any one man with the best motor mower. Wheels 18 inches in diameter, 8-inch reel with five blades of best steel. Ball bearings, indestructible triple ratchets and compound triple gearing. None better for golf links. Price complete, f.o.b. factory, \$400.00.

**TRIPLE RATCHET.** Has the most powerful and instantaneous driving mechanism ever put in a lawn mower. The triple ratchet maintains the motion of the blades even in turning sharp corners. A lever enables one to cut any height from the ground and easily and quickly to raise the blades over stones or other obstructions without stopping the horse or leaving the seat. Large rolls, 15 in. in diameter insure great power and ease of movement.

30 in. \$125.00, 35 in. \$131.25, 38 in. \$137.50, f.o.b. factory.



**LAWN MOWER REPAIRING.** We employ only practical men, and we guarantee all machinery repaired to give satisfaction.



## LAWN REQUISITES

	Price																												
<b>EDGING KNIVES, American Socket.</b> With handle. Each....	\$1.50																												
<b>GRASS CATCHERS, E. Z. Emptying.</b> Galvanized bottom, canvas sides and back. 16 in. fits mowers of 12 to 16 in. cut, \$3.00; 20 in., fits mowers of 18 to 22 in. cut.....	3.50																												
<b>GRASS HOOKS or SICKLES.</b>																													
<b>Lawn King.</b> A high grade hook, well and favorably known, hollow ground and full polished with the best of steel.....	.80																												
<b>Little Giant Adjustable.</b> Really a three-in-one tool as it makes an excellent grass hook, corn hook and corn knife.....	.65																												
<b>Townsend's Long Handled.</b> A splendid tool when one finds it difficult to stoop with the ordinary sickle to cut under shrubbery. 3½ feet.....	.80																												
<b>HORSE LAWN BOOTS.</b> High grade in every way. Order by size.																													
Boot No. 2, Shoe No. 2, Size, 5½ in. }	Per set of four.....18.00																												
Boot No. 4, Shoe No. 4, Size, 6½ in. }																													
Boot No. 6, Shoe No. 6, Size, 7 in. }																													
<b>OIL FOR LUBRICATING LAWN MOWERS, ETC.</b> ½ pt. 20c., gal.....	1.00																												
<b>RAKES.</b>																													
<b>Gem Dandelion.</b> Flat, blade-like teeth that clip off all the buds and blossoms of Dandelions. The self cleaning attachment combs the teeth clean. 16 in. \$3.00, 24 in.....	4.00																												
<b>Reversible Wire.</b> Heavy tinned steel teeth. The arched ones are excellent for leaves and litter; the others for fine cut grass, and walks. 24 teeth.....	.85																												
<b>Wood.</b> Three steel bows, bent handle. 24 teeth.....	1.15																												
<b>WATER-WEIGHT LAWN ROLLERS.</b>																													
Heavy or light as desired by changing the amount of water. Roller bearings. The rounding edges will not cut into the lawn. None better.																													
<table><tr><td>No.</td><td>Diam. Inches</td><td>Length Inches</td><td>Sections</td><td>Weight Empty</td><td>Filled With Water</td><td></td></tr><tr><td>WB3</td><td>14</td><td>20</td><td>1</td><td>65 lbs.</td><td>200 lbs.</td><td>22.00</td></tr><tr><td>WB5</td><td>18</td><td>24</td><td>1</td><td>85 lbs.</td><td>300 lbs.</td><td>26.00</td></tr><tr><td>WB7</td><td>24</td><td>24</td><td>1</td><td>110 lbs.</td><td>500 lbs.</td><td>32.00</td></tr></table>	No.	Diam. Inches	Length Inches	Sections	Weight Empty	Filled With Water		WB3	14	20	1	65 lbs.	200 lbs.	22.00	WB5	18	24	1	85 lbs.	300 lbs.	26.00	WB7	24	24	1	110 lbs.	500 lbs.	32.00	
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WB3	14	20	1	65 lbs.	200 lbs.	22.00																							
WB5	18	24	1	85 lbs.	300 lbs.	26.00																							
WB7	24	24	1	110 lbs.	500 lbs.	32.00																							
<b>SHEARS.</b> Make lawn trimming easy.																													
<b>Edging, or Border</b>	<b>Surface Cutting</b>																												
Without Wheel	With Wheel	Without Wheel	With 2 Wheels																										
Size Each	Size Each	Size Each	Size Each																										
8 in.....\$4.00	8 in.....\$5.00	8 in.....\$4.25	8 in.....\$5.00																										
9 in.....4.25	9 in.....5.25	9 in.....4.50	9 in.....5.25																										
10 in.....4.50	10 in.....5.50	10 in.....4.75	10 in.....5.50																										
<b>GRASS OR SHEEP SHEARS.</b>																													
<b>Lightning.</b> Trowel shank. Black handles.....	.50																												
<b>Western.</b> Bent blades, best steel. Full polished, 5½ in. blade....	.85																												
<b>SOD CUTTER AND LIFTER.....</b>	5.00																												
<b>LAWN SPRINKLERS.</b>																													
<b>Aetna.</b> Most attractive. Runs easily, even with low pressure. Stands 21½ in. high. Three arms.....	3.00																												
<b>Baby Fountain, or Ring Sprinkler.</b> About one-half the size of the regular Fountain Sprinkler.....	.80																												
<b>California.</b> Has four arms. Stands 12 in. high. A favorite.....	2.75																												
<b>Export.</b> The showiest sprinklers. Wire baskets can be attached to same for catching the ball. Height 44 in.																													
Four arms, complete with basket and ball.....	14.00																												
Eight arms, complete with basket and ball.....	15.00																												
<b>Fountain, or Ring Sprinkler.</b> Made of heavy brass.....	1.25																												
<b>Half Circle.</b> Brass. Sprinkles a semi-circle.....	.65																												
<b>Little Wonder.</b> The best cheap sprinkler.....	.35																												
<b>Mayflower.</b> 3-arm, 9 in. high. Ball bearing. Brass head, iron stem. Revolves under slight pressure.....	2.00																												
<b>Midget.</b> Stands only 4 in. high. Very popular.....	1.50																												
<b>Putting Green Sprinkler</b> for ¾-in. hose, height 48 in., and is made on wide malleable iron sled. Has arms that can be inclined at any angle.....	8.50																												
<b>Raindrop.</b> Can be held or left on ground. Brass.....	.35																												
<b>WEED KILLERS.</b>																													
<b>Climax Lawn Sand and Climax Weed Killer.</b> See page 155.																													
<b>Erado.</b> By this tool a killing solution is dropped on the root which prevents the weed from springing up again. Iron.....	1.25																												
Brass.....	1.75																												
<b>Kilm Weed Eradicator.</b> The charges fit inside the tool. You simply push the point lightly into the weed, the pressure raises the slide and allows just a pinch of powder to fall on the cut portion.....	3.00																												
<b>Weedite.</b> Extra charges for the "Kilm Weed".....	.35																												
<b>WEED PULLERS.</b>																													
<b>Kohler Spud.</b> Rounding gouge, 50c.; shaped gouge.....	.50																												
<b>COMBINED TRUCK, Hand Cart, Leaf Rack, Barrel and Sprinkler Attachment.</b> Its numerous uses, its "handiness" and immense amount of time and hard labor saved by its use make it almost indispensable. See page 171.																													
Barrel, Hand Cart, Box, Leaf Rack all easily attached to truck.																													
Truck with 1½ in. tire; Box for Cart	} Ask for prices.																												
Barrel; Leaf Rack.....																													
Sprinkling attachment for barrel.....																													
<b>LEAF RACK FOR WHEELBARROW.</b> The new device for collecting weeds and litter which fits on any wheelbarrow. It is made of galvanized wire. Capacity 10 bus.....	19.00																												

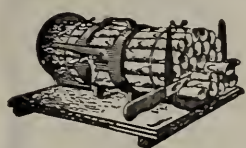




# QUALITY HAND TOOLS AND SUNDRIES

The prices in this catalog are necessarily those in effect at the time its several pages go to press and are as correct as possible. We cannot guarantee them for an entire season, but our customers may be assured that they will always be found as reasonable as consistent with dependable merchandise, and are **subject to change without notice.**

We will mail any of the following that we can, provided postage is remitted with order. See Parcel Post Rates for mailing on Page 1.



Philadelphia Asparagus Buncher

Plant Basket  
Asbestos Torch

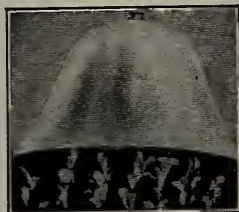
Asparagus Knife



Excelsior Carnation Support



Hanging Wire Basket



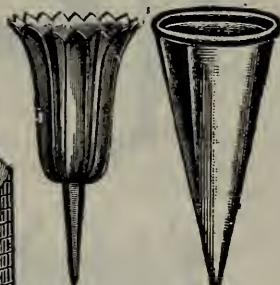
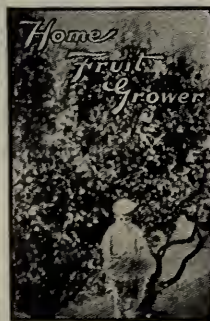
French Bell Glasses



Creosote Brush



Swinging Bracket

Iron Galvanized  
Bouquet Holders

Practical Garden Books



Edging Knife



Cut Flower Box



Dibble



Corn Popper



Celery Tape

**ASBESTOS TORCH.** Attach to any pole. Saturate with kerosene oil, light and hold under the caterpillars' nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects. . . . . **\$0.50**

## ASPARAGUS BUNCHER.

**Philadelphia No. 1.** Without knife. Makes bunches 3 to 3½ in. diameter. . . . . **4.00**  
**No. 2.** Without knife. Makes bunches 4 to 5½ in. diameter. . . . . **3.75**

**ASPARAGUS KNIVES.** Granite State. Each 40c., doz. . . . . **4.50**

**ASPARAGUS, or CELERY TAPE.** Red or blue, in spools of 1000 yds. each. Makes bunches very attractive for the best trade. . . . . **6.00**

**BAMBOO CANES.** See Stakes, page 169.

## BASKETS.

**Farmers' Best Oak Splint.** Ask for prices.

**For Bedding and Vegetable Plants.** Write for description, sizes, and prices.

**Rustic.** See page 167.

**Wire Hanging.** Round bottom. Line with moss before using.

Size	Each	Doz.	Size	Each	Doz.
6 in. . . . .	\$0.25	\$2.80	10 in. . . . .	\$0.50	\$5.30
7 in. . . . .	.30	3.30	11 in. . . . .	.50	5.40
8 in. . . . .	.35	3.80	12 in. . . . .	.55	6.00
9 in. . . . .	.45	4.50	14 in. . . . .	.65	7.20

**BEAN POLES.** Cedar. Per 100 **\$10.00**, doz. . . . . **1.50**

**BELL GLASSES.** For growing all kinds of early vegetables or flowers out of doors. The plants are started early and transplanted. One of these Bell Glasses placed over them in the day time, amounting to a miniature greenhouse, will protect them at night from the frost. Each **\$2.50**, doz. . . . . **28.00**

**BELLOWS.** See page 153.

**BOOKS.** The following cover the entire field as the home gardener meets it. They are accurate, practical, readable and deserve a place in every home as they contain ideas within the reach of the average man. Fully illustrated.

**Garden Guide.** Postpaid, paper **\$1.10**, cloth. . . . . **1.60**

**Milady's House Plants.** Postpaid, paper **85c.**, cloth. . . . . **1.10**

**The Home Fruit Grower.** Postpaid, paper **\$1.10**, cloth. . . . . **1.60**

**Success in Market Gardening.** Rawson. Postpaid, cloth. . . . . **1.85**

**BOUQUET HOLDERS.** For cemetery use.

**Galvanized.** Cone shaped. 4½ in. diameter at top, 9 in. deep.

Doz. **\$3.25**, each. . . . . **.35**

**Iron.** Tulip shaped. No. 4. Each **50c.**, doz. . . . . **5.40**

No. 5. Each **60c.**, doz. **\$6.60**; No. 6. Each **70c.**, doz. . . . . **7.80**

**Tin.** Japanned green. 4½ in. diameter, 10 in. over all.

Doz. **\$2.75**, each. . . . . **.30**

**BOXES for Cut Flowers.** We keep the following sizes in stock; others can be furnished at short notice.

No.	Lgth.	Width	Depth	Doz.	100	No.	Lgth.	Width	Depth	Doz.	100
2	21 in.	5 in.	3½ in.	\$1.50	\$9.00	6	24 in.	8 in.	5½ in.	\$2.40	\$13.50
3	24 in.	5 in.	3½ in.	1.80	10.50	7	28 in.	8 in.	5½ in.	2.75	15.50
4	18 in.	5 in.	3½ in.	1.25	8.00	8	36 in.	8 in.	5½ in.	3.50	22.50
5	21 in.	7 in.	3½ in.	2.00	12.00						

**BRACKETS for Flower Pots.** See page 165.

**BROOMS.** Corn and rattan mixed, for stable or greenhouse use. . . . . **2.00**

**BRUSHES.** Caterpillar. Wire. Each. . . . . **.25**

**For applying Creosote to destroy eggs of the gypsy moth.** Each. **1.25**

**BURLAP.** For putting around trees to trap gypsy moths. 40 in. wide, per piece of 100 yds., **24c.** per yd., per single yd. **26c.**; 10 in. wide, 100 yds. **\$7.00**; per single yd. . . . . **.08**

**BURNING BRAND.** For marking tools, etc. Six one-half inch letters or less **\$3.50**; each additional letter. . . . . **.50**

**CARNATION STAPLES.** Pkg. of 3000, **\$1.35**; per 1000. . . . . **.50**

## CARNATION SUPPORTS.

**Excelsior.** Made of galvanized wire, strong and durable. In two sizes. The two lengths make a complete plant support. 20 in., 1000 **\$27.50**; 100 **\$3.00**; 13 in. 100. . . . . **2.50**

**CELERY BLEACHER.** A heavy, waterproof paper; quicker and better than boards for bleaching. Leaves no taste or odor. Rolls 100 ft. long, 12 in. wide **\$4.00**. 10 rolls. . . . . **36.00**  
42-in. wires for single rolls. . . . . 100 **\$2.50**; 1000 **\$20.00**.

**Unwinders.** Each. . . . . **1.25**

**CORN POPPERS.** Strong and well made. Holds 2 qts. . . . . **.40**

**COTTON WADDING.** For florists' use. In large sheets. Doz. . . . . **1.00**

**COAL.** See Lehman Heater, page 161.

**DIBBLE.** For transplanting plants. Steel points, wood handles. . . . . **.60**

**Ladies' Size.** . . . . . **.55**



## SUNDRIES—Continued

DUSTERS. For insecticides. See page 153.

EDGING KNIVES, or Turf Edgers.

American Socket. With handle. Each.....\$1.50  
FIBRE WARE. See page 165.

## FLORAL TOOLS.

Boys' Sets. Forged shovel, rake and hoe. Handles about 3 ft.. 2.15

Five in One Garden Tool. A combination of dibble, fork, hoe, trowel and weeder on one-foot handle..... .50

Ladies' Sets. Heart-shaped hoe, rake and trowel. Handles, 16 inches long. Good value..... 1.00

Unique Garden Set. Edger, hoe, weeder and trowel. 9 in. detachable handle..... .50

FLOWER POTS and STANDS. See page 165.

## FORKS.

Garden Spading. Malleable, 3 tines..... .20

Gem Hand Spading. Best quality, hand forged, 3 tines..... .60

Hand Spading. Carbon steel, enameled red, extra long handle, 4 tines..... .50

Manure. Malleable iron D handle, strap ferrule, 6 tines..... 2.50

5 tines, \$2.25; 4 tines..... 2.00

Long handles, same price. Wood D handles, add 25c. each.

Potato Diggers. 6 heavy round tines \$1.65, 5 heavy round tines.. 1.50

Spading. Wood D handle, strap ferrule, 4 tines, \$2.30; 5 tines.. 3.00

Malleable iron D handle, strap ferrule, 4 tines, \$2.00; 5 tines.. 2.50

Boys'. Malleable iron D handle, plain ferrule..... 1.25

## FRUIT PICKERS.

Common. Heavy galvanized wire. Very popular..... .55

FRUIT TREE GUARDS. Protect your young fruit trees from Winter injury by rabbits, mice, etc. Rust-proof, ¼ in. mesh, 6 in. diameter, 18 in. high. Doz. \$3.50, 100 \$25.00..... .35

FUMIGATORS. See page 153.

## GARDEN BORDERS.

Cyclone. Specially designed pattern, galvanized iron wire. 22 in. high, per ft. 16c., 16 in. high, per ft..... .14  
If in rolls of 165 ft. in length, price is 1c. per ft. less.

Individual Wickets. Heavy wire.

No.	Wide	High	Quantity Required	Doz.	Each
1a	8 in.	12 in.	220 to 100 ft.	\$0.45	\$0.05
1b	10 in.	15 in.	180 to 100 ft.	.60	.07
1c	13 in.	20 in.	130 to 100 ft.	.90	.10
1d	16 in.	25 in.	100 to 100 ft.	1.80	.18

GARDEN LINES. Braided and made of best material; will not kink. 200 ft. \$2.25; 100 ft..... 1.25

GARDEN LINE REEL. Large size, each \$2.00; small size, each... 1.50

## GLAZING POINTS.

Peerless. Made of galvanized steel wire in three sizes. No. 1 for small single thick glass, No. 2 for medium thick glass, No. 2½ for large double thick glass. Box of 1000..... .80

Pincers for driving Peerless Glazing Points..... .75

Siebert Style. Made with a prominent head, zinc, cannot rust, 1000 to 1400 per lb. ½ and ⅝ in. 5 lbs. \$3.25; lb..... .75

GLAZING PUTTY and CEMENT. See page 167.

GLOVES. Garden and Pruning. Gauntlet style of horseshide. Per pair, \$2.50, \$3.00 and..... 4.00

GRAFTING TOOLS, or KNIVES. All steel, hook handle..... 1.00

GRAFTING WAX. A superior article neatly put up. Lb. 50c., ½ lb. 28c., ¼ lb..... .15

GRAPE BAGS. String-tied. Just the thing for protecting individual bunches of grapes from injury. Easily and securely fastened. Opaque. Doz. 30c., 100 \$1.50, 1000..... 12.00

GRASS CATCHERS. See page 159.

GRASS HOOKS, OR SICKLES. See page 159.

GRASS SHEARS. See page 159.

GREENHOUSE GLAZING CEMENT or ELASTIGUM is waterproof, durable, economical and effective. Made by the Barrett Company, which is sufficient recommendation of its quality. 100 lbs. \$11.00, 25 lbs. \$3.50, 5 lbs. 85c., 1 lb..... .35

HEATERS FOR AUTOS AND VANS. Almost indestructible, and with ordinary care they will last a lifetime. All drawers have a double thickness of iron in bottom, which feature doubles their life.

3C Oval, 14 in. long, polished brass ends, covered with carpet... 8.00

2C Triangular, 14 in. long, polished brass ends, covered with carpet 5.00

O.B. Oval, 12 in. long, heavy white steel ends, covered with carpet. 4.00

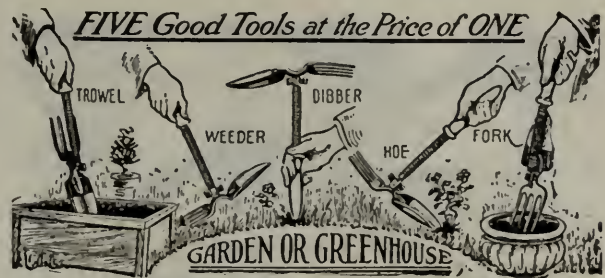
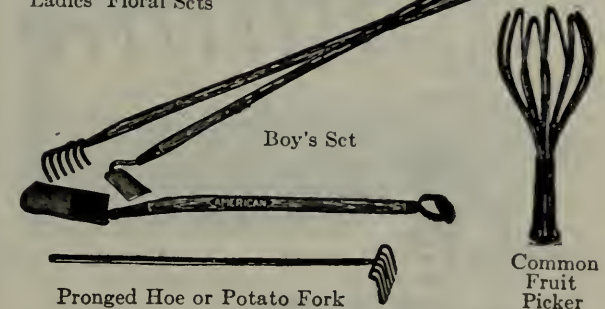
11B Triangular, otherwise like O.B..... 4.00

10 Florists' or Van Heater. 14 in. long, 16 in. high, 3 drawers. not covered. Iron feet that can be screwed to the floor..... 12.00

HEATER COAL. In boxes of one dozen full-sized bricks..... 1.25  
In cases of 100 full-sized bricks..... 9.00

HEDGE SHEARS and PRUNERS. See page 166.

HOES and WHEEL CULTIVATORS. See page 168.

Three-Piece  
Ladies' Floral Sets

Boy's Set

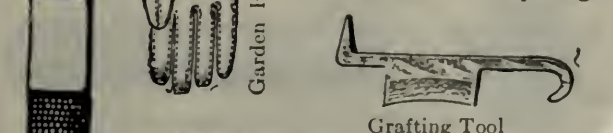
Pronged Hoe or Potato Fork

Common  
Fruit  
Picker

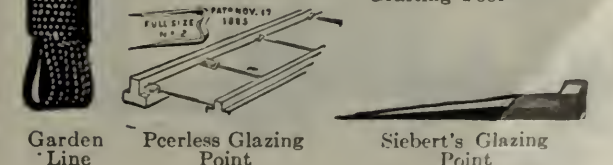
Cyclone Garden Border

Individual Wickets  
Garden Border

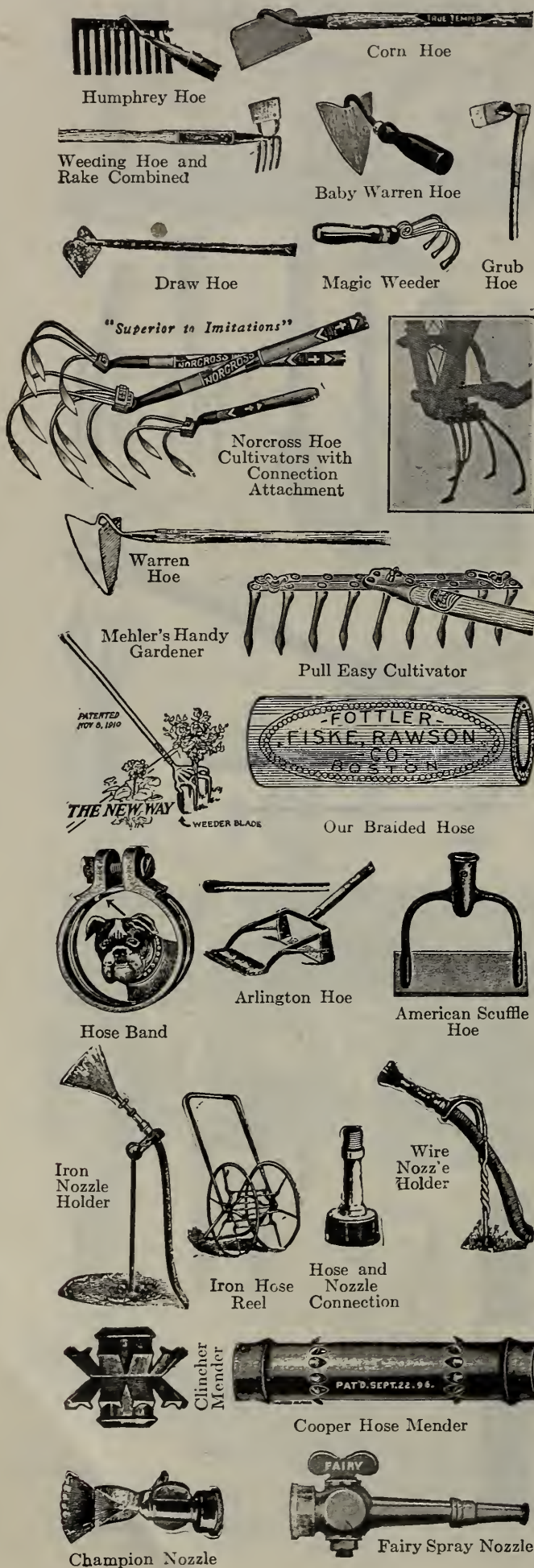
Garden Reel

String-Tied  
Grape Bags

Grafting Tool

Garden  
LinePeerless Glazing  
PointSiebert's Glazing  
Point





**SUNDRIES—Continued**

	Price
<b>HOES.</b> Their constant use in gardens will work wonders.	
<b>Baby Warren.</b> For transplanting, making and covering drills in flower beds, and weeding. Excellent for scraping young trees. 4½-in. blade.....	\$0.75
<b>Combination Draw Hoe and Rake with Handle.</b> 6½-in. cut, 6 teeth, 65c., 4½-in. cut, 4 teeth.....	.55
<b>Corn.</b> An excellent light tool. 7-in. blade, 2½-in. deep.....	1.20
<b>Draw, or Field.</b> Built for good hard use. 8-in. blades.....	1.25
<b>Ladies' Size.</b> Very handy about the flower beds. 5-in. blade...	.90
<b>Grub Hoe.</b> 6½-in. blade, with handle.....	2.25
<b>Humphrey Hoe.</b> 10 flat teeth.....	1.10
<b>Magic Weeder Hoes.</b> Strong and durable, spring teeth. Light and easy to use; very popular. Should be in every tool basket.	
<b>Short Handle.</b> 3 teeth, 25c.; 4 teeth, 40c.; 4 teeth, 1½-in. blade on back for use as a hoe.....	.55
<b>Long Handle.</b> 4 teeth, 3-in. blade on back \$1.10, 4 teeth only.	1.00
<b>Meadow Hoe.</b> Splendid for general use. 9-in. blade.....	1.50
<b>Mehler's Handy Gardener.</b> Cultivates on three sides of the plant at one stroke. Each.....	1.10
<b>Mehler's Hoe Combination.</b> .....	1.10
<b>Norcross Hoe Cultivator.</b> It works easier and faster than any wheel hoe. Made of first-class material, light and durable.	
4 ft. handle, 5 prong.....	\$1.35
3 prong, 9-in. handle.....	.50
<b>Connection for attaching to Iron Age Cultivators.</b> .....	.20
<b>Pronged Hoe, or Potato Fork.</b> 6 heavy round tines.....	1.05
5 heavy round tines.....	1.50
<b>Pull Easy Hand Cultivators.</b> Malleable iron and steel frame and teeth; arms easily adjustable to any width row.	
18 in. 9 teeth, 4 ft. handle.....	1.50
<b>Scuffle, Arlington.</b> Extensively used by market gardeners. We are headquarters and can supply the genuine article made in the best possible manner.	
5, 6, 7 or 8 in.....	\$2.75
9 or 10 in.....	3.00
<b>Scuffle, or Push Hoe with Handle.</b> American. 10 in. 90c., 9 in. 85c., 7 and 8 in. 80c., 6 in.....	.75
<b>Warren.</b> Heart-shaped hoe.....	1.50
<b>HORSE LAWN BOOTS.</b> See page 159.	

**GARDEN HOSE AND ACCESSORIES**

<b>F. F. R. Co.'s Best Braided Rubber.</b> A vulcanized or moulded (not made of canvas or duck) hose, combining great flexibility without sacrificing strength or durability; has less tendency to kink when bent at sharp angles. Especially adapted for hard service in connection with stables, greenhouses, etc., where vehicles frequently run over it. We have it made specially for us under our own brands and we guarantee every foot.	
½ in., 25 ft. \$5.00; 50 ft.....	\$9.50
¾ in., 25 ft. \$5.75; 50 ft.....	11.00
<b>Sampson.</b> An excellent grade of wrapped hose that has always given satisfaction. 3 ply. Guaranteed.	
½ in., 25 ft. \$4.50; 50 ft.....	8.50
¾ in., 25 ft. 5.00; 50 ft.....	9.50
<b>Cotton or Woven Hose.</b> ¾ in., 50 ft. lengths \$10.25; ½ in. 50 ft. lengths.....	9.00
<b>BULL DOG HOSE BANDS.</b> Fasten with screws. ½ or ¾ in. 7c., doz. 70c., 1 in. doz. \$1.80, each.....	.20
<b>CLINCHER HOSE COUPLINGS.</b> ½, ¾ in., doz. \$3.50. Each.....	.35
<b>COMMON BRASS COUPLINGS.</b> ½ or ¾ in. 30c., doz. \$3.00, 1 in. each.....	.35
<b>HOSE NOZZLE CONNECTION.</b> For connecting hose and spray nozzles. ¾ in. x ¼ in.....	.70
<b>HOSE NOZZLE HOLDER.</b> The hose is held firm, and can be adjusted to any elevation.	
<b>Iron.</b> Ball and socket joint. Each \$1.50. <b>Wire.</b> Galvanized..	.40
<b>HOSE MENDERS.</b>	
<b>Caldwell Hose Strap.</b> Made from best quality brass wire. ½ or ¾ in. Doz. 30c. <b>Pliers,</b> each.....	.30
<b>Clincher.</b> Sure to stay on as long as the hose lasts.	
½ or ¾ in., doz. \$1.35; each.....	.15
<b>Cooper.</b> One of the best. Brass. 1 in., doz. \$1.25. Each.....	.12
½ or ¾ in. doz. \$1.00. Each.....	.10
<b>HOSE REDUCER.</b> 1 in. to ¾ in. Each.....	.85
¾ in. to ¼ in., to fit Bordeaux Nozzle. Each.....	.40
<b>HOSE REELS.</b>	
<b>No. 20. Iron.</b> Holds 150 ft. ¾ in. hose. Each.....	8.00
<b>No. 2. Iron.</b> Holds 100 ft. ¾ in. hose. Each.....	5.00
<b>SHUT OFF CONNECTION.</b> Each.....	1.25
<b>SPRAY NOZZLES FOR HOSE.</b>	
<b>Allen.</b> Very similar to the favorite New Boston. Each.....	.90
<b>Bordeaux.</b> Throws a fine, medium or coarse spray, or can be shut off altogether. Easily disgorge; best all-around sprayer made.....	1.85
<b>Boston Rose Spray for Greenhouse.</b> For the greenhouse, flower bed, hotbed, lawn, etc. Brass. Coarse or fine.....	1.50



## SUNDRIES—Continued

## HOZE NOZZLES—Continued.

	Price
<b>Central.</b> Adjustable to streams or sprays. Stuck into the ground it is an acceptable sprinkler.....	\$0.30
<b>Champion.</b> Will throw a spray or solid stream with no back pressure. Splendid for syringing Roses. $\frac{3}{4}$ in. brass.....	.55
<b>Fairy.</b> A straight stream or spray.....	1.15
<b>Ferguson's Combination Sprayer and Syringe.</b> Brass. Splendid for syringing under the foliage of plants, where force is needed. Ask for price.	
<b>Fountain Shower.</b> Simple, efficient, cheap.....	.25
<b>Greenhouse Hose Nozzle.</b> 4 in. face for 1 in. hose. Each....	2.00
4 in. face for $\frac{3}{4}$ in. hose, each \$1.75; 3 in. face. Each.....	1.35
<b>Kinney Pump, or Liquid Manure Distributor.</b> For mixing liquid manure with clear water without interfering with the flow of water in garden hose. It will apply from 5 to 15 gallons of liquid fertilizer per minute. Each.....	2.50
<b>New Boston.</b> Will throw a coarse or fine spray, or a large or small stream, as may be desired. Each.....	1.25
<b>Stotts.</b> Especially in favor with Rose growers. Throws a side spray. Single spray \$2.00. Double spray.....	2.75
<b>HOSE WASHERS.</b> Rubber. $\frac{1}{2}$ and $\frac{3}{4}$ in., lb. 50c., doz.....	.10
<b>HOTBED AND COLDFRAME MATS.</b>	
<b>Cloth.</b> An excellent mat for protection of young plants in cold-frames or hotbeds; not as bulky as the straw mats, and undoubtedly warmer; with extra width completely to cover two sash. They are filled with waste and quilted to hold shape.	
Cotton Drilling and Burlap, 76x76. Each \$4.25, doz.....	45.00
Cotton Drilling and Burlap, 40x76. Each \$3.00, doz.....	34.50
<b>Straw.</b> Made by hand from the best rye straw, and in the most thorough manner. 6x6 ft. Each \$3.40, doz.....	39.00
3x6 ft. Each \$2.00, doz.....	21.60
Special prices on large lots, and special sizes made to order.	

## HOTBED SASH.

**Double Glass.** Two layers of glass with the dead air space enclosed between, without boards or any covering, are warmer by night than the single layer sash with boards or mats. These sash are made of the best cypress, and are thick and strong. They are all painted two coats and glazed.

Size, 3x6 ft. Each \$11.50, 5 sash for.....

**Our Regular Stock.** These are well made from very best quality and thoroughly seasoned lumber free from knots and imperfections. Glazed with double thick glass, painted two coats, 6x8 in. or 8x10 in. glass. Each \$10.00, doz.....

**Unglazed.** Same as above,  $1\frac{3}{4}$  in., 3x6 ft., either for 6x8, or 8x10 glass. Each \$4.00. Price on larger quantities on application.

**HOTBED and MUSHROOM BED THERMOMETERS.** For use in ground; with metal scale and point. Each.....

**HYACINTH GLASSES.** See our Fall Bulb Catalog.

**KNIVES, BUDDING and PRUNING.** Best American.

**F. F. R. Co.'s Special.** White composition handle, brass lined.

Two blades, one especially for budding.....

**Horn Handle Budding.** White composition bud opener, brass lined. Made for good hard work.....

**Stag Handle Budding.** Unlined. 4 in. long.....

**Combination Budding and Pruning.** Genuine stag handle, bolstered and riveted.....

**Ordinary Pruning.** Redwood handle.  $3\frac{3}{4}$  in. long.....

**Medium Pruning.** Redwood handle.  $4\frac{1}{4}$  in. long.....

**Heavy Pruning.** Like the above but heavier.....

**Stag Handle Pruning.** Large, flat end.  $4\frac{1}{2}$  in. long.....

**LABELS.** Mark your plants and know the particulars about them.

Pot Labels. Wooden	Doz.	100	1000	Doz.	100	1000
4 in.....		\$0.20	\$1.10		\$0.25	\$1.55
4½ in.....		.20	1.35		.30	1.85
5 in.....		.25	1.60		.35	2.05
6 in.....		.30	2.00		.40	2.50

**Garden Labels. Wooden.**

8 in.....	\$0.20	.90	5.80	\$0.25	1.15	7.40
10 in.....	.25	1.20	7.70	.30	1.45	9.60
12 in.....	.30	1.45	9.60	.35	1.75	11.40

**Tree Labels. Wooden.**

$3\frac{1}{2}$  in., iron wired.....

$3\frac{1}{2}$  in., copper wired.....

**Labels, A. L. U.** Securely fastened on without tying. Can be written on both sides with either ink or pencil; varnish and the wording remains for all time. 5 in. 1000 \$8.50, 100.....

**Labels, Copper.** Made of copper and copper wired; indestructible and always legible. No. 2, 5x1½ in., doz. 35c., 100 \$2.00; No. 1, 3½x¾ in., doz. 30c., 100.....

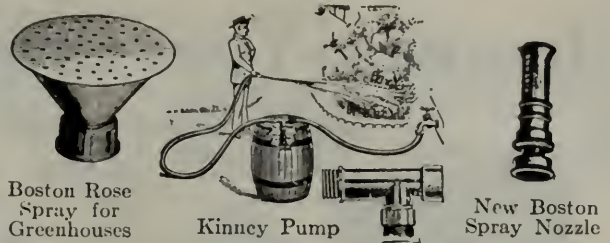
**LABEL HOLDER. Permanent.** Stamped steel frame (Japanned) with mica cover for label and steel standard. Printed card labels 2¾x1¾ in.

Standard	Each	Doz.	Standard	Each	Doz.
8 in.....	\$0.30	\$3.00	24 in.....	\$0.40	\$4.00
18 in.....	.35	3.50			

**LAWN MOWERS.** See page 158.

**LAWN ROLLERS, SHEARS and SPRINKLERS.** See page 159.

Our prices are correct when our catalog goes to press, but are subject to change without notice.



Boston Rose  
Spray for  
Greenhouses

Kinney Pump

New Boston  
Spray Nozzle



Greenhouse Hose  
Nozzle



Shut-Off  
Connection



Hotbed  
Thermometer



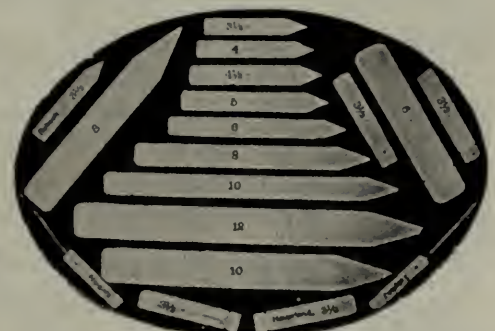
Cloth Hotbed Mats



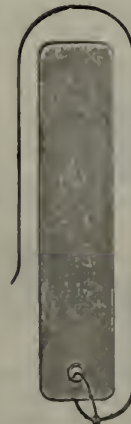
Hotbed Sash with 12x18 Glass



A. L. U.  
Label



Plant Labels



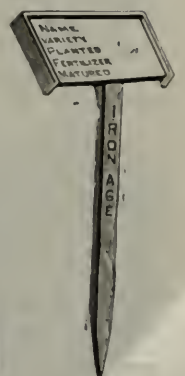
Indestructible  
Copper Label



Budding and Pruning  
Knives



Dunham Water  
Weight Roller



Permanent  
Label  
Holder



# Increase Your Crops and Improve your Soil

Inoculate your Garden Peas, Beans, Sweet Peas, Alfalfa,  
Clover and other Legumes with



## Mulford Cultures

FOR LEGUMES

The use of inoculants has been thoroughly demonstrated to be beneficial and profitable. Their use is rapidly becoming more general among practical and progressive planters.

Legumes are the only plants that can assimilate nitrogen from the air as part of their food, due to the presence of bacteria on their roots. Why not take advantage of this feature and encourage them to build up, in the soil, the supply of this most important fertilizing element?

**Mulford Cultures** contain pure, tested strains of active, nitrogen-fixing bacteria for inoculating seeds of legumes, or soil. They can be used with little trouble and at a small cost.

No special knowledge is necessary to the use of **Mulford Cultures**. Add water to the bottle which is intentionally only about one-fourth filled, shake, and dampen the seed with this mixture.

Inoculation does not apply to Corn.

It is necessary to get the proper kind of Culture for the particular kind of seed to be treated.

Mulford Cultures are prepared for:

Sweet Clover Alfalfa Vetch Garden Beans  
Red Clover Cow Peas Sweet Peas Lima Beans  
Alsike Clover Soy Beans Garden Peas and others

Half garden size supplied only in 4 varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas.

### PRICES

5-acre size.....	} Bacteria can be sent by Parcel Post	\$5.00
1-acre size.....		1.50
1/4-acre, garden size.....		.75
Half garden size.....		.35

<b>MASTICA, Liquid Putty.</b> For glazing greenhouses, hotbeds, sash, etc., better than ordinary putty. Does not crack. Always stays soft. Gal.....	Price	\$3.00
<b>MASTICA MACHINE.</b> For glazing with liquid putty. Each		3.25
<b>MELON NETS.</b> For supporting Melons growing in greenhouse. Each 25c., doz.....		2.50
<b>NOZZLES.</b> See pages 153 and 163.		
<b>OIL.</b> Lubricating. For lawn mowers, etc. Gal. \$1.00, 1/2 pt..		.20
<b>PAPER.</b>		
Manila. For parceling. Sheets 20x30 in., 24x36 in., 30x40 in. 100 lbs. \$14.00, lb.....		.15
Tissue, Light Brown. Sheets 20x30 in. Ream.....		2.50
24x36 in. Ream.....		3.25
Tissue, White. Sheets 20x30 in. Ream.....		3.25
24x36 in. Ream.....		4.25
Waxed, Green. Sheets 12x18, per ream, \$2.00; 18x24, per ream, \$3.50; 24x36, per ream.....		6.75
Waxed, White. Sheets 12x18, per ream, \$1.75; 14x18, per ream, \$2.00; 15x20, per ream, \$2.25; 18x24, per ream, \$3.00; 24x36, per ream.....		5.50
White. For parceling. Sheets 20x30 in., 30x40 in., 24x36 in., 100 lbs. \$20.00; lb.....		.22
<b>PENCILS.</b> Black Waterproof. Will withstand all climatic conditions. Each 10c., doz.....		1.00
<b>PLANT PROTECTING CLOTH FOR HOTBEDS.</b> Valuable for covering hotbeds and frames in Spring instead of glass, and for throwing over bedding plants at night in Fall.		
Medium weight	Brown	White
Per yd., when cut.....	\$0.26	\$0.30
Per yd., in 60 yd. bolts.....	.24	.28

**PLANT SPRINKLER.** See page 167.

**PLANT STAKES.** See Stakes, page 169.

### PLANT TUBS, STANDS AND SHELVES.

**Cedar.** Painted green. Nos. 1 and 2 have hook handles, others drop handles.

No.	Diameter		Height		Each
	Outside	Inside	Outside	Inside	
1	28 in.	25 in.	22 in.	20 in.	\$12.00
2	26 in.	23 in.	20 in.	18 in.	10.50
3	24 in.	21 in.	18 1/2 in.	16 in.	8.50
4	22 in.	19 1/2 in.	17 in.	15 in.	6.75
5	20 in.	17 3/4 in.	16 in.	14 in.	5.75
6	18 1/2 in.	15 3/4 in.	15 in.	13 3/4 in.	4.50
7	17 in.	14 1/2 in.	14 in.	12 1/2 in.	4.00
8	16 in.	14 in.	13 in.	11 1/2 in.	3.50
9	14 in.	12 1/2 in.	12 in.	10 3/4 in.	2.85
10	12 in.	10 in.	9 1/2 in.	8 1/2 in.	2.25

**Richmond Cedar.** Green. Wire hoops and without feet.

Drop handles only on the five larger sizes.

No.	Diam.		Each	No.	Diam.		Each
	Inside	Depth			Inside	Depth	
13	8 in.	8 in.	\$0.95	17	12 in.	11 in.	\$2.00
14	9 in.	9 in.	1.00	19	14 in.	13 in.	2.75
15	10 in.	9 in.	1.25	21	16 in.	15 in.	3.25
16	11 in.	10 in.	1.50	23	17 in.	16 in.	4.40
				24	19 in.	18 in.	5.25

### GALVANIZED IRON TUBS. Made similar to Steel Plant Box.

Length	Width	Depth	Each	Length	Width	Depth	Each
10 in.	10 in.	7 1/4 in.	\$2.00	16 in.	16 in.	12 1/4 in.	\$3.25
12 in.	12 in.	8 1/4 in.	2.30	18 in.	18 in.	12 1/4 in.	4.00

**GALVANIZED IRON PLANT BOXES.** Enamelled dark green outside. Can be set on the window sill inside. The only plant box which will give perfect drainage necessary for the growing of plants at and the same time not leak or drip and damage the woodwork.

**Model A.** Width, 8 1/2 in., depth, 6 1/4 in.

Length	Each	Length	Each
36 in.	\$2.75	48 in.	\$4.00
42 in.	3.60	Ask for prices on other sizes.	

**Brackets.** Each box requires a pair. Three styles of same material to match the boxes.

No. 1, for setting on sill.....	\$0.85
No. 2, for hanging under sill.....	1.20
No. 3, for the porch rail.....	.50

The prices quoted in this catalog are subject to change without notice. They were correct at the time the catalog went to press, but market conditions are such that we may not be able to maintain them.



## SUNDRIES—Continued

**SWINGING BRACKETS FOR FLOWER POTS.** Especially adapted to hold plain flower pots and saucers. Made of steel, very strong and durable. Artistic in design and finished black. Flower pots and saucers are absolutely secured by the spring clasp.

No.	Each	Doz.	No.	Each	Doz.
1 holds 5 in. pot.	\$0.50	\$5.40	3 holds 7 in. pot.	\$0.70	\$7.80
2 holds 6 in. pot.	.60	6.60			

**WIRE WINDOW PLANT SHELVES.** Can be applied to any window moulding on the flat part of same. Adjustable brackets are so constructed as to allow the curtain between the window and shelf. Shelves 7½ in. wide. Each complete with brackets. 42 in., each \$2.15; 36 in., each \$1.85; 30 in., each \$1.65

**PLANT STANDS, WIRE, FOLDING.** Strong and durable. When not in use can be folded and stored away in a small place. 4 tray, \$7.25; 3 tray, \$5.75; 2 tray, \$4.00, 1 tray.. 2.75

**FLOWER POTS, SAUCERS, VASES**

**Jardiniere Flower Pots, Painted Green.** Place the pot in the reservoir and pour water into the reservoir through the lip around the top edge, until water stands ½ in. deep in the lip.

Fern Pans	Each	Doz.	Standard Pots	Each	Doz.
5 in.	\$0.50	\$5.40	6 in.	\$0.55	\$6.00

**Pots, Standard Clay, Flower.** Measurements from inside to inside. Width and depth equal.

Inches	Each	Doz.	100	Inches	Each	Doz.	100
2.....	\$0.03	\$0.25	\$1.30	9.....	\$0.45	\$4.50	\$34.50
2½.....	.04	.30	1.75	10.....	.60	6.00	46.60
3.....	.04	.40	2.25	11.....	.90	9.00	69.00
3½.....	.05	.45	2.80	12.....	1.20	12.00	95.00
4.....	.06	.60	3.45				
4½.....	.08	.75	4.70	13.....	Measure in {		1.50
5.....	.09	.90	6.25	14.....			1.75
6.....	.14	1.40	9.35	15.....			2.45
7.....	.24	2.40	15.55	16.....	With handles {		3.45
8.....	.30	3.00	22.45	18.....			5.20

**Bulb or Seed Pans, Round, Clay.**

Size	Each	Doz.	100	Size	Each	Doz.	100
6 in.	\$0.14	\$1.40	\$9.35	10 in.	\$0.60	\$6.00	\$46.60
7 in.	.22	2.35	15.55	12 in.	1.20	12.00	95.00
8 in.	.30	3.00	22.45	14 in.	1.80	18.00	

**Waterproof Bulb Dishes.** Embossed, mat green, very satisfactory either with or without pebbles, or fiber, for the growth of bulbs. The grids or holders have holes into which single bulbs are placed. When the roots grow they are held erect and firm.

Size	Each	Doz.	Size	Each	Doz.
8-in. dish with grid.....	\$1.25	\$12.50	6 in. dish only.....	\$0.65	\$6.50
6-in. dish with grid.....	1.00	10.00	Grids for large dishes, 7 holes....	.50	5.00
8-in. dish only..	.80	8.00	Grids for small dishes, 4 holes....	.40	3.80

**Fern Pans.** These pans are made thin and strong, especially adapted for linings to porcelain and silver fern pans. Dimensions given are outside measurements.

Size	Each	Doz.	100	Size	Each	Doz.	100
4¾ in.	\$0.10	\$1.05	\$6.90	8 in.	\$0.25	\$2.50	\$17.25
5½ in.	.12	1.20	8.65	9 in.	.30	3.00	20.70
6¼ in.	.15	1.50	10.35	10 in.	.35	3.25	24.15
7 in.	.16	1.65	12.10				

**Hanging Pots, Clay, Unpainted.**

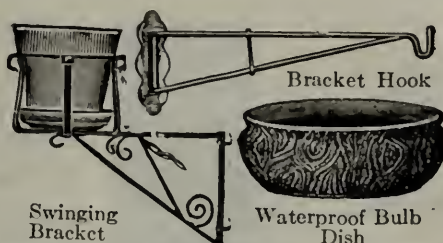
Size	Each	Doz.	Size	Each	Doz.
7 in.	\$0.40	\$4.20	10 in.	\$1.20	\$12.00
8 in.	.45	4.80	12 in.	1.50	15.20
9 in.	.50	5.20			

**Hanging Pot Chains.** Heavy, each..... .30

**Bracket Hooks** for use with hanging pots. Dull brass, 10 in. long. With screws. Each..... .25

**Flower Pot Hanger, Krick's Perfect.**

No.	Each	Doz.
No. 1 will fit from 3½- to 5-in. pots.....	\$0.05	\$0.35
No. 2 will fit from 5- to 8-in. pots.....	.05	.40
No. 3 will fit from 8- to 12-in. pots.....	.05	.45



Swinging Bracket

Waterproof Bulb Dish



Wire Window Shelf

**NEPONSET PAPER POTS.** Made from tough, lasting and thoroughly waterproof paper, which gives the necessary firmness. Unbreakable and made so as to give ample drainage. Not less than one case at the 1000 prices.

Case of 1000					Case of 500				
In.	Wt.	Doz.	100	1000	In.	Wt.	Doz.	100	1000
2¼	12 lbs..	\$0.15	\$0.75	\$4.80	4	32 lbs..	\$0.35	\$2.00	\$13.05
2½	16 lbs..	.15	.85	5.55	5	37 lbs..	.50	3.10	20.35
3	24 lbs..	.25	1.15	7.65	6	51 lbs..	.75	4.15	27.20
3½	34 lbs..	.30	1.60	10.40					

**PIERCE PAPER POTS.** This pot is sealed together at the joints before being coated with a prepared waterproofing material.

Case of 1000					Case of 500				
In.	Wt.	Doz.	100	1000	In.	Wt.	Doz.	100	1000
2½	20 lbs.	\$0.15	\$0.75	\$4.55	5	75 lbs.	\$0.40	\$2.50	\$16.80
3½	38 lbs.	.25	1.25	8.40	5½	90 lbs.	.50	3.00	20.00
4	49 lbs.	.30	1.60	10.50	6	106 lbs.	.60	3.35	22.40

**CLAY SAUCERS.**

Size	Each	Doz.	100	Size	Each	Doz.	100
3½ in.	\$0.05	\$0.40	\$2.25	10 in.	\$0.24	\$2.40	\$15.55
4 in.	.05	.45	2.60	11 in.	.27	2.70	18.90
5 in.	.06	.60	3.45	12 in.	.32	3.25	23.45
6 in.	.08	.85	5.20	13 in.	.35		
7 in.	.10	1.05	6.90	14 in.	.40		
8 in.	.14	1.40	9.50	15 in.	.55		
9 in.	.20	2.00	13.00	16 in.	.70		

**MOISTURE-PROOF (May Tree) SAUCERS.** Are a rich reddish brown color, with a smooth wax finish, and will protect wood-work, tables, etc., on which plants are to stand.

Size	Each	Doz.	Size	Each	Doz.
4 in.	\$0.11	\$1.15	9 in.	\$0.40	\$4.20
5 in.	.17	1.75	10 in.	.45	4.80
7 in.	.30	3.20	11 in.	.50	5.50
8 in.	.35	3.70	12 in.	.60	6.60

**FIBER SAUCERS.** Far cheaper in the end than earthenware.

Are not porous.					
Size	Each	Doz.	Size	Each	Doz.
5 in.	\$0.44	\$4.94	12 in.	\$0.72	\$8.18
6 in.	.46	5.22	14 in.	.94	10.64
7 in.	.50	5.70	16 in.	1.65	18.80
8 in.	.55	6.18	18 in.	1.92	21.86
9 in.	.60	6.66	19 in.	2.67	30.40
10 in.	.65	7.42			

**Rolling Stands for Fiber Saucers.** Heavy plants can be pushed around from place to place as easily as a light table.

Outside Will take diam. pot of diam.			Outside Will take diam. pot of diam.		
about at bottom	Each	Doz.	about at bottom	Each	Doz.
12 in. 10 in.	\$1.00	\$11.40	16 in. 13 in.	\$2.25	\$25.65
14 in. 11 in.	1.25	14.25	18 in. 15 in.	2.67	30.40

**FIBER FLORISTS' VASES.** Have neither seams, joints nor

hoops.	Depth	Order by No.	Each	Doz.
Diam.	Inside	0.....	\$2.17	\$24.70
Inside	13 in.	1.....	1.84	20.90
8 in.	10½ in.	2.....	1.67	19.00
5½ in.	9 in.	3.....	1.42	16.15
4½ in.	6½ in.	4.....	1.17	13.30
4 in.	5 in.	22.....	2.25	25.65
3 in.	15 in.	33.....	2.00	22.80
4½ in.	12 in.	44.....	1.59	18.05
4 in.	9 in.			



Standard Flower Pot and Saucer

Fiber Rolling Stand

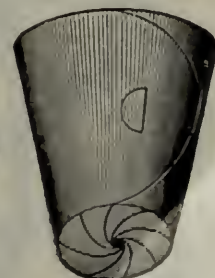
May Tree Saucers



Fiber Saucer

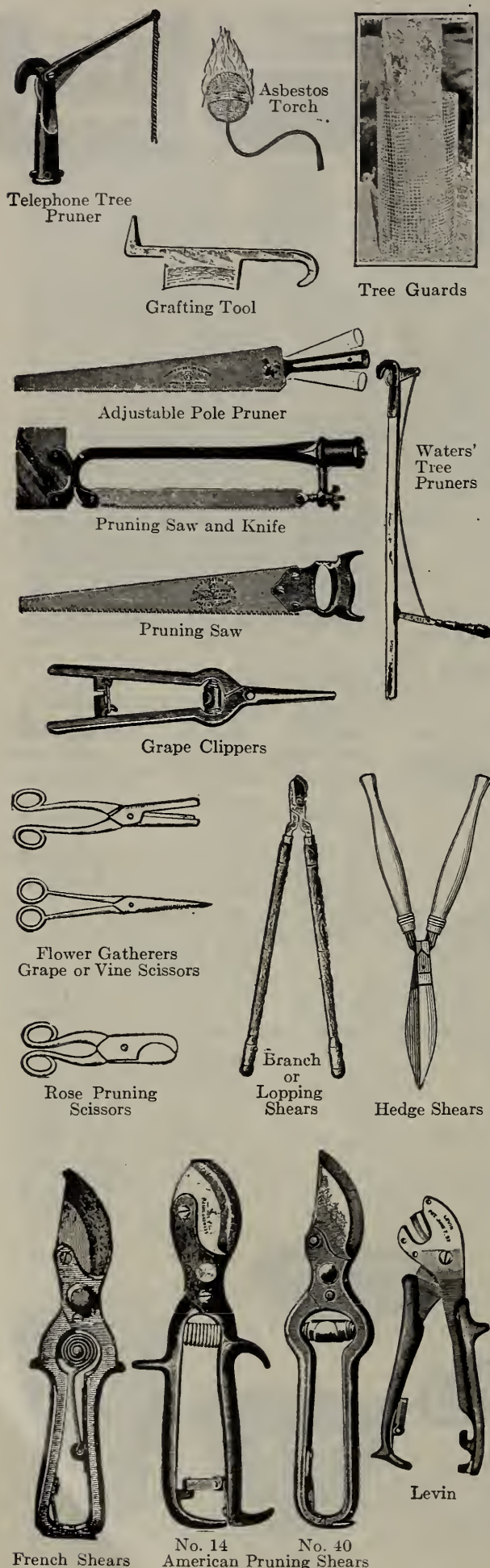


Hanging Pots



Neponset Paper Pot





## PRUNING AND ORCHARD SUPPLIES

Proper pruning is beneficial to fruit and ornamental trees, vines, shrubs, etc., and a good pruner has "an eye" for the work. Practice makes perfect, and good tools are a prime requisite. Your time and strength are too valuable to expend with poor tools. Get the best, without regard to price, and take care of them. Do not neglect to give the necessary care to your plants. Our list gives suggestions for the work the year round.

**BRUSHES.** Caterpillar. Wire. Each.....**\$0.25**  
For applying creosote to destroy eggs of the gypsy moth. Each **1.25**

**BURLAP.** For putting around trees to trap gypsy moths. See page 160.

### FRUIT PICKERS.

Common. Galvanized. Saves fruit from injury..... **.55**

**GLOVES.** Garden and Pruning. Gauntlet style of horsehide. Per pair, \$2.00, \$3.00 and..... **3.50**

**GRAFTING TOOLS or KNIVES.** All steel, hook handle..... **1.00**

**GRAFTING WAX.** A superior article. Covers wounds to prevent decay. Lb. 50c., ½ lb. 28c., ¼ lb..... **.15**

**KNIVES, BUDDING AND PRUNING.** See page 163.

**RAFFIA.** Nothing better for binding in scions after cleft grafting. 5 lbs. \$1.25, lb..... **.30**

**PRUNING SAWS.** Disston make. None better.

**Adjustable Pole Pruner.** Adapted for sawing by hand or attached to a pole. Adjustable for sawing at different angles. Straight, 18 in., without pole..... **1.75**

**Crescent Shaped.** 10-in. blade, otherwise similar to the above, but with long, slender teeth..... **2.50**

**Avery Double Edge.** 18 in. \$1.10, 16 in..... **1.20**

**Brown's Single Edge.** 18 in. \$1.40, 16 in..... **1.30**

**Disston's Duplex.** Double edge, fine teeth for dry pruning, and the coarser edge for green wood. 18 in. \$1.75, 16 in..... **1.65**

**Disston's Single Edge.** 16 in. \$1.55, 18 in..... **1.65**

**Pruning Saw and Knife.** Will cut both ways, preventing the saw from becoming jammed in cutting green wood. Without pole, 10 in. blade..... **2.25**

### PRUNING SCISSORS.

**Flower Gatherers.** For cutting and holding flowers. 5 in. Keen Kutter \$1.25, 7 in. Imported..... **4.50**

**Grape or Vine Scissors.** For thinning the bunch. Nickel plated. Imported. 8 in. \$4.00, 6 in..... **2.50**

**Grape Clippers.** Domestic. For thinning the bunches..... **.60**

**Rose Pruners.** Imported. 6 in. \$3.00, 5 in. \$2.50, 4 in..... **2.25**

### PRUNING AND HEDGE SHEARS.

**American Pruners.** Best quality.

**No. 14.** Black malleable handles, blades easily replaced. Brass coil spring, spring clasp. 8 in..... **1.25**

**No. 30.** California pattern. Best materials throughout. Correctly shaped blades. Black handles, volute spring. 9 in..... **1.50**

**No. 31.** Like No. 30, but heavier. Built for good, hard use. Volute spring. 10 in..... **1.75**

**No. 40.** Really a No. 30, but polished and nickel plated. 9 in..... **2.00**

**Ladies' No. 10.** A handy little shear, black handles, volute spring. 6 in..... **.75**

**Branch or Lopping.** Imported. For cutting large branches. Long, stout handles provide good leverage. No. 4, 44 in. \$5.00; No. 3, 38 in. \$4.50; No. 2, 31 in. \$4.00; No. 1, 27 in..... **3.25**

**French Pruning.** Superior in every way. Works and cuts well. Steel wheel spring. The best pruner ever offered. Full polished. 10 in. \$3.25, 9 in. \$3.00, 8 in. \$2.75, 7 in..... **2.25**

**Extra Springs.** Mention size wanted..... **.35**

**Hedge Shears, Plain.** American. Built for service. Solid steel blades. 10 in blades \$3.00, 9 in. \$2.75, 8 in..... **2.50**

**Hedge Shears, Notched.** American. The notch prevents slipping. Best for heavy work. 10 in. blade \$3.25, 9 in. \$3.00, 8 in..... **2.75**

**Ladies' Garden or Hedge.** Really a small size hedge shear. Good quality. 6 in. blade..... **1.75**

**Levin Pruner No. 23.** Very desirable. Cuts clean and easily. Does not smash the twig. 7½ oz..... **1.00**

**Telephone Tree Pruners.** Similar in construction to the Waters, but heavier. Very strong and durable. Can be used on a pole of any length and operated with a cord. Without pole..... **1.50**

**Waters' Tree Pruners.** An old favorite for reaching caterpillar nests and pruning in out of way places. Blade is operated by rod and handle. With 16 ft. pole \$2.00, 14 ft. \$1.75, 12 ft. \$1.60, 8 ft. \$1.50, 6 ft. \$1.35, 4 ft..... **1.25**

**Extra blades, doz.** \$3.00..... **.30**

**TORCH, Asbestos.** Attached to any pole. Saturate with kerosene. The heat instantly destroys the insects and will in no way injure the tree. Each..... **.50**

**TREE GUARDS.** Protect your young fruit trees from Winter injury by rabbits, mice, etc. When a tree has been ruined you lose not only the tree but also the time required to grow a new one. They keep out all animals, allow the sun and air free access and harbor no vermin. Easy to set and may be lifted to allow the bark to be cleaned. Light, strong, durable and with their rust-proof finish, will last for years. 6 in. diameter, 18 in. high. Doz. \$3.50, 100 \$25.00..... **.33**



## SUNDRIES—Continued

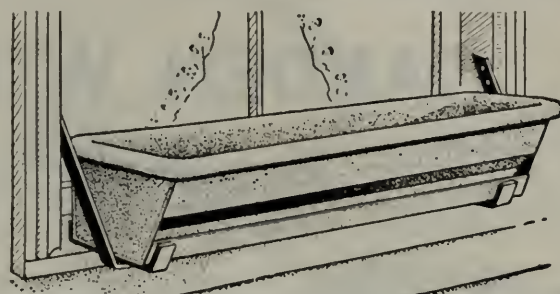
Price

**POLES, Bean, Cedar, 6-9 ft., per 100 \$10.00; doz. .... \$1.50****POTTING SOIL.** This soil has been fertilized sufficiently for growing all kinds of plants. It is the same as we use in growing our plants.  $\frac{1}{2}$  pk. 25c., pk. 40c., bus. \$1.25, bbl. .... 3.50**PRESSES, Cider, Fruit or Wine.** We hope to be able to supply these for delivery in early Fall. Write for description and prices.**PUMPS, Spray.** See pages 151-152.**PUTTY, Twemlow's Liquid.** For bedding glass in sash, and filling cracks or seams in roof joints or frames of greenhouses or hotbeds. 5 gals. \$17.50, 1-gal. can. .... 3.50**PUTTY BULB, Rubber.** For glazing. Each. .... 1.60**RAFFIA.** The best material for tying, being very soft, pliable and strong. Excellent for binding in buds and scions. Original hanks about 5 lbs. each, 25c. lb.; lb. .... .30**RAKES.****Gem Dandelion Rake.** See page 159 for description. 16 in. \$3.00, 24 in. .... 4.00**Hay, Wood.** Three steel bows. Best. 14 teeth. .... 1.00**Lawn, Wood.** Three steel bows, bent handle. 24 teeth. .... 1.15**Reversible Wire Lawn.** Heavy tinned steel teeth. The arched ones are excellent for leaves and litter; the others for fine cut grass and walks. 24 teeth. .... .85**Steel, Garden.** Long straight teeth. 18 teeth \$1.50, 16 teeth \$1.30, 14 teeth \$1.25, 12 teeth. .... 1.15**Steel, Gravel.** Short teeth for gravel walks. 18 teeth \$1.75, 16 teeth \$1.60, 14 teeth. .... 1.50**REELS, Garden Line.** Best malleable. Large, each \$2.00; small, each. .... 1.50**Hose.** No. 20 holds 150 ft.,  $\frac{3}{4}$  in. hose, each. .... 8.00  
No. 2 holds 100 ft.  $\frac{1}{2}$  in. hose, each. .... 5.00**ROLLERS, Waterweight Lawn.** See also page 159.

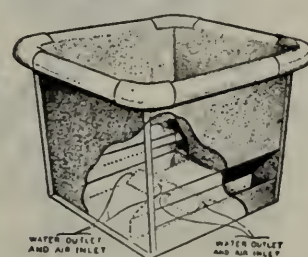
No.	Diam. Inches	Length Inches	Sec. tions	Weight Empty	Filled With Water	
WB3	14	20	1	65 lbs.	200 lbs.	22.00
WB5	18	24	1	85 lbs.	300 lbs.	26.00
WB7	24	24	1	110 lbs.	500 lbs.	32.00

**RUBBER SPRINKLERS.** None better for spraying house plants. Bent or straight neck. 6 oz. 85c., 8 oz. \$1.00, 10 oz. .... 1.10**RUSTIC WORK.** Strongly made from natural roots.**Hanging Baskets.** 15 in. \$2.75, 12 in. \$2.25, 10 in. \$1.75, 9 in. \$1.00, 8 in. .... .90**Hexagon Stands.** Height 34 in., diam. 24 in. \$6.75; height 32 in. diam. 20 in., \$4.50; height 26 in., diam. 16 in. .... 3.50**Oblong Stands.** Height 34 in., length 28 in., \$7.50; height 30 in., length 24 in., \$4.50; height 26 in., length 18 in. .... 3.50**Settee.** Length of seat 4 $\frac{1}{2}$  ft., \$13.50; 3 $\frac{1}{2}$  ft. \$9.00; 2 $\frac{1}{2}$  ft. .... 6.75**Stump Box.** Diameter 30 in. \$5.00; 24 in. \$4.00; 20 in. \$2.25; 16 in. .... 1.50**Window Box.** 30 in. \$3.50, 24 in. \$2.25, 18 in. .... 1.75**SASH FOR HOTBEDS.** See page 163.**SAUCERS, Clay, Fiber or May Tree.** Page 165.**SAWS, Pruning.** See page 166.**SCISSORS, Flower.** See page 166.**SCYTHES.****American.** 32 to 38 in. \$2.00; **Bush,** for hard use. .... 2.00**Snaths.** Patent Swing Socket. .... 2.00**CAHOON'S BROADCAST SEED SOWER.** Acknowledged superior. A saving of four-fifths of the labor and one-third of the seed is effected by the use of this machine and a person entirely unused to sowing by hand can use it with perfect success. They are warranted to give perfect satisfaction, and to save their cost in less time than any other farm implement yet introduced. They are substantially built, and with ordinary care will last many years. .... 6.25**HITTINGER GREENHOUSE SEEDER.** An excellent seeder for sowing Radish and Beets in beds in greenhouse. Unable to supply this year.**SHEARS.****Edging or Border**

Without Wheel	With Wheel	Without Wheel	With 2 Wheels
Size Each	Size Each	Size Each	Size Each
8 in. .... \$4.00	8 in. .... \$5.00	8 in. .... \$4.25	8 in. .... \$5.00
9 in. .... 4.25	9 in. .... 5.25	9 in. .... 4.50	9 in. .... 5.25
10 in. .... 4.50	10 in. .... 5.50	10 in. .... 4.75	10 in. .... 5.50

**Grass, or Sheep Shears****Lightning.** Trowel shank. Black handles. .... .50**Western.** Bent blades, good steel. Full polished, 5 $\frac{1}{2}$  in. blade. .... .85Galvanized Plant Box with Extension Bracket No. 1  
for setting on Sill. See page 164

Cedar Tub



Galvanized Plant Tub

Richmond  
Cedar TubRubber Plant  
SprinklerDunham Water  
Weight Roller

Putty Bulb



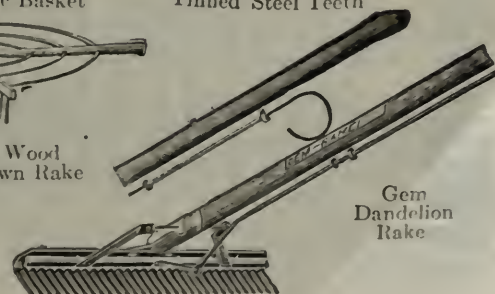
Glazing Putty

Mastica  
Glazing  
Machine

Rustic Basket



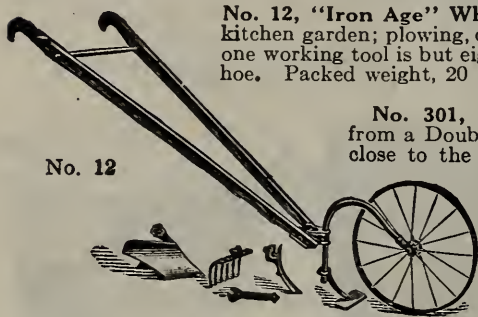
Raffia

Steel Garden  
RakeLawn Rake, Heavy  
Tinned Steel TeethWood  
Lawn RakeGem  
Dandelion  
Rake



# GARDEN WITH *IRON AGE* TOOLS

The care of a garden never loses its fascination when the tedious back-breaking seeding, weeding and hoeing are eliminated by up-to-date adjustable *Iron Age* tools. Being light and simple in construction women and children can use them with delight and satisfaction. There is a combination to meet every practical garden need. Market gardeners use them—seeders, wheel hoes, fertilizer drills, etc., making possible accurate sowing, thorough cultivation in narrow rows where horses could not go and the quick application of fertilizers. The tools shown here are in reduced size merely to save space, but all are of uniform size. They are practical tools, not toys.



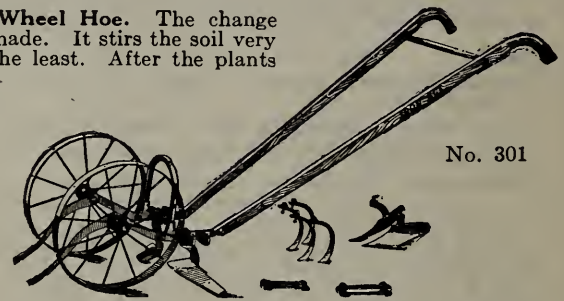
No. 12

**No. 12, "Iron Age" Wheel Plow and Cultivator.** Designed to perform all work needed to be done in a small kitchen garden; plowing, covering, hoeing, raking and cultivating. The average weight of this handy tool, fitted with one working tool is but eight pounds, and therefore can be carried about the garden and used as readily as a common hoe. Packed weight, 20 lbs. Price.....\$6.25

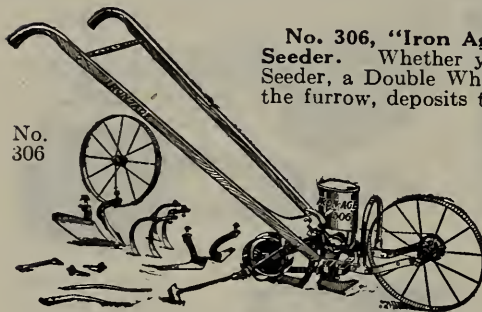
or deep planting of seeds. Strong and durable. Packed weight, 40 lbs. Price.....\$15.00

**No. 301, "Iron Age" Double and Single Wheel Hoe.** The change from a Double to a Single Wheel Hoe is quickly made. It stirs the soil very close to the plants without disturbing them in the least. After the plants

have outgrown the use of the side hoes, or where it is desired to practice deeper cultivation, the cultivator teeth are used. Plows may also be applied for working astride rows to turn the soil to the plants and to open furrows for manure



No. 301



No. 306

**No. 306, "Iron Age" Combined Double and Single Wheel Hoe, Hill and Drill Seeder.** Whether you garden for pleasure or profit, you need a thoroughly practical Seeder, a Double Wheel and a Single Wheel Hoe. As a Hill and Drill Seeder it opens the furrow, deposits the seed, covers it and rolls it all at one operation, either in drills or hills. The Drill is operated with great ease, is most accurate, durable and satisfactory. The seed sowing device is simple yet very effective. The agitator is simply a revolving brush of selected bristles, which separates the seeds which may cling together, and acts as a gentle force feed. A truly excellent combination. Packed weight, 57 lbs. Price...\$24.35



No. 317

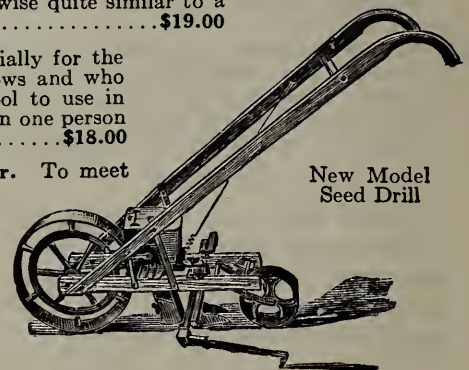
**No. 317, "Iron Age" Combined Single Wheel Hoe and Drill Seeder.** A most useful tool designed to do all the work in any garden except dropping seed in hills, otherwise quite similar to a No. 306, with but a single wheel and plow. Packed weight 47 lbs. Price.....\$19.00



No. 19-C

**No. 318, "Iron Age" Drill Seeder.** Designed especially for the man who has to plant successive crops in continuous rows and who does not require the hill dropping device. A handy tool to use in connection with No. 12 or 301 in gardens where more than one person may be engaged at work at the same time. Price.....\$18.00

**No. 19-C, "Iron Age" Wheel Plow and Cultivator.** To meet the demand for a Wheel Plow and Cultivator equipped with a high wheel we offer this easy running, perfectly balanced labor saving device. It will be noticed that those excellent features which have made the whole line of *Iron Age* Garden Implements so popular, viz., lightness combined with strength, have been retained. 24-inch wheel. The most popular cultivator in existence. Packed weight, 22 lbs. Price.....\$8.00



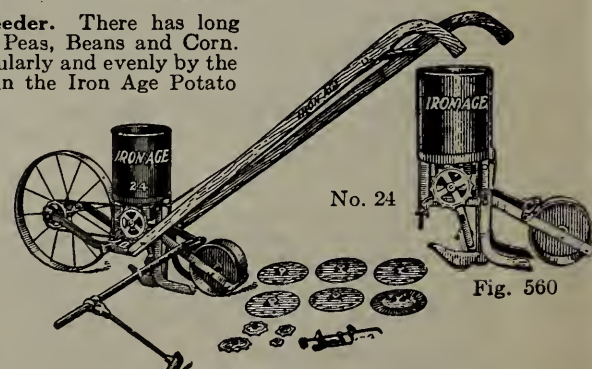
New Model Seed Drill

**The New Model Seed Drill.** The record of the "New Model" has always been entirely satisfactory, and its place as one of the leading drills has become so firmly established that the oldest and best market gardeners regard it as "the old standby," and we heartily recommend it to those desiring a Drill Seeder without the combination of cultivating tools. Packed weight 40 lbs. Price.....\$16.75

planters. The six discs furnished with each machine will allow dropping at intervals of 4, 6, 8, 10 or 12 inches. The marker is adjustable up to 30 inches. The hopper is 8½ inches deep and 7 inches in diameter. Bush Lima Beans require a special set of plates. Packed weight, 64 lbs. Price.....\$21.35

**Fig. 560, Corn, Bean and Pea Seeder Attachment.** This attachment is the same used with our No. 24 and may be applied to the No. 1 and 301 Double and Single Wheel Hoes. The hopper measures 8½ inches deep by 7 inches in diameter. Seed may be dropped every 4, 6, 8, 10 or 12 inches apart. Marker is adjustable up to 30 inches. It can be used for Bush Lima Beans by buying a special set of plates. Price \$12.00.

**Repairs.** Any parts which we may not have in stock we shall be glad to order direct from the factory at a nominal price if we are supplied with the number of the casting wanted. Ask for prices.



No. 24

Fig. 560



## SUNDRIES—Continued

<b>SHELVES AND STANDS, Wire Plant.</b> See page 165.	Piece
<b>SHOVELS.</b> Round or square point No. 2. Each \$2.15, No. 3.....	\$2.25
Long handle.....	2.15
<b>SICKLE OR GRASS HOOK.</b> See page 159 for description.	
Lawn King.....	.80
Little Giant Adjustable.....	.65
Townsend's Long Handled.....	.80
<b>SIEVES.</b> Galvanized Wire. For sifting loam, gravel, etc., 1 to 8 meshes per inch. 14 in. \$1.25, 16 in. \$1.60, 18 in., each.....	2.00
<b>SILKALINE or SMILAX THREAD.</b> 2 oz. spools 40c., lb.....	3.00
<b>SOAP MIXER.</b> Universal. Heavy brass.....	6.00
<b>SOAP SPRAYER, Barrie.</b> Attach to the faucet. Water passing through the bowl dissolves whatever soap base insecticide may be contained in it. The result is a mild solution effective in the control of Aphis, Spider, and other insect pests of the garden and greenhouse. Brass, nickel plated. Practically indestructible.....	6.00
<b>SOD CUTTER AND LIFTER.....</b>	5.00
<b>SPADES.</b>	
Ames' Best. Smooth back, mal. D. handle.....	2.50
Franklin. Smooth back, mal. D. handle.....	2.25
<b>SPRAYERS, For garden or orchard.</b> See pages 151-2.	
<b>SPRAY MATERIALS.</b> See pages 154-5.	
<b>SPRAY NOZZLES.</b> See pages 153-163.	
<b>SPRINKLERS, Lawn.</b> See page 159.	
<b>SPRINKLER FOR PLANTS.</b> Rubber. Detachable metal top, finely perforated. Indispensable for house use and for watering small seedlings. Bent or straight neck. 6 oz. 85c.; 8 oz. \$1.00; 10 oz.....	1.10

## PLANT STAKES FOR EVERY PURPOSE

**Bamboo Stakes.** Painted green. Small and inconspicuous, but strong and very useful for small plants.

	Doz.	100	1000		Doz.	100	1000
12 in.....	\$0.15	\$0.60	\$4.80	36 in.....	\$0.30	\$1.50	\$12.60
18 in.....	.15	.80	6.75	42 in.....	.35	1.75	14.50
24 in.....	.20	1.00	8.70	48 in.....	.40	2.00	16.50
30 in.....	.25	1.30	10.65	60 in.....	.45	2.45	20.50

10 ft. Ask for prices.

**Japanese Cane Stakes.** Used by plant growers and in green. houses for tying roses, chrysanthemums, etc.

	Doz.	100	1000		Doz.	100	1000
6 ft.....	\$0.35	\$1.90	\$16.00	8 ft.....	\$0.50	\$2.80	\$24.25

**Southern Cane Stakes.** Natural, varying in length from 6 to 9 ft. Not as strong as the Japanese but will answer many purposes fully as well. Random lengths 6 to 9 ft.

100, \$1.60; 1000.....	13.50
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**Hardwood Square.** Unpainted.

Length.	Doz.	100	1000	Length	Doz.	100	1000
28 in.....	\$0.15	\$0.55	\$3.50	48 in.....	\$0.25	\$1.15	\$7.50
36 in.....	.20	.85	5.75	60 in.....	.30	1.70	11.50

**Match Sticks or Hyacinth Stakes.**

	100	1000
12 in., painted green.....	\$0.30	\$2.50
18 in., painted green.....	.40	3.25

**Round.** Painted green. Clear pine wood.

	Each	Doz.	100		Each	Doz.	100
1½ ft.....	\$0.04	\$0.40	\$2.10	3½ ft.....	\$0.14	\$1.40	\$9.00
2 ft.....	.06	.60	3.75	4 ft.....	.17	1.70	12.00
2½ ft.....	.09	.90	5.50	5 ft.....	.24	2.40	18.00
3 ft.....	.12	1.20	7.50				

**Square.** Painted green. Clear pine wood.

	Each	Doz.	100		Each	Doz.	100
1½ ft.....	\$0.04	\$0.40	\$2.10	3½ ft.....	\$0.14	\$1.40	\$9.00
2 ft.....	.06	.60	3.75	4 ft.....	.17	1.70	12.00
2½ ft.....	.09	.90	5.50	5 ft.....	.24	2.40	18.00
3 ft.....	.12	1.20	7.50	6 ft.....	.27	2.70	20.00

**Square Green Dahlia Stakes.** Extra heavy black tip.

	Each	Doz.	100		Each	Doz.	100
4 ft.....	\$0.27	\$2.70	\$20.00	6 ft.....	\$0.40	\$4.00	\$32.00
5 ft.....	.36	3.60	28.00				

**Wire Stakes for Roses.**

	Doz.	100		Doz.	100
3 ft.....	\$0.35	\$2.00	4½ ft.....	\$0.50	\$3.15
3½ ft.....	.40	2.25	5 ft.....	.55	3.40
4 ft.....	.45	2.90	6 ft.....	.60	3.85

**STAKE FASTENERS.**

	100	1000
Eureka.....	\$0.50	\$2.50
Everlasting.....	.65	4.50

**SYRINGES.** Brass. See page 153.

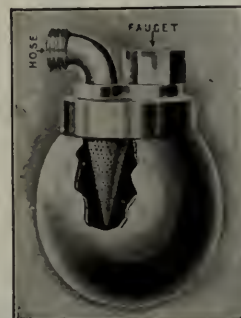
**TAPE FOR ASPARAGUS OR CELERY.** Red or blue in spools of 1000 yds., each.....

**TAPE LINES.** 100 ft. Each \$2.50 to 5.00

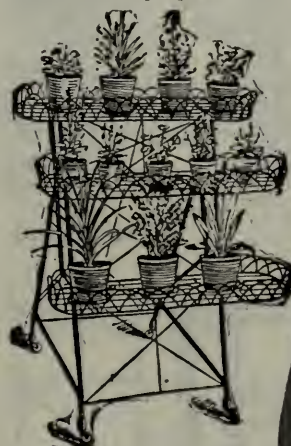
**TARRED LATHYARN.** For making mats or tying shrubs. By the coil of 50 or 100 lbs., 27c., per lb.....

Lawn King  
Grass Hook

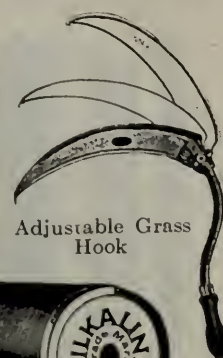
Cahoon Seed Sower



Barrie Soap Sprayer

Wire Folding Plant  
Stand

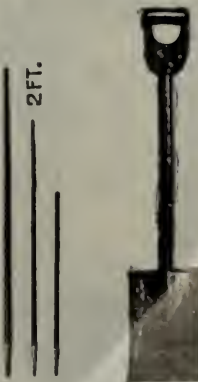
Round Pine Plant Stakes

Adjustable Grass  
Hook

Wire Window Shelf

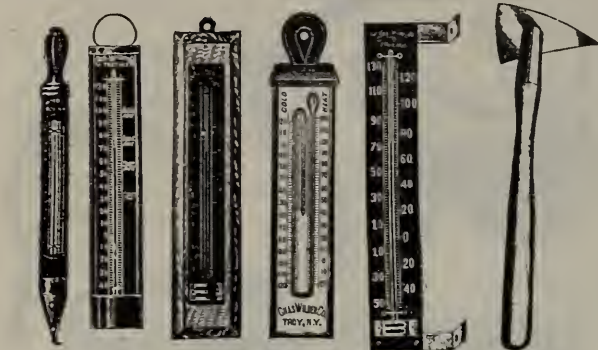
"Auto Spray"  
No. 1  
showing Auto  
Pop and  
Spray Nozzle

Celery Tape

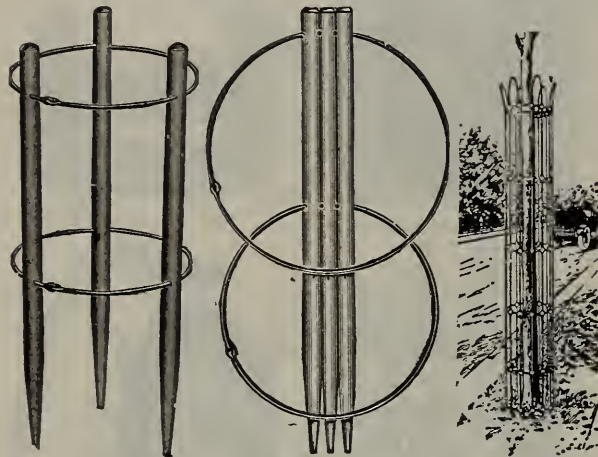


Spade





Hotbed Tin Fancy Self Window Tree  
Case Case Registering Window Scraper  
Wilder Thermometers for every purpose



Ready for Use. Folded for Winter Tree Guard  
Tomato Trellis of Wood and Wire



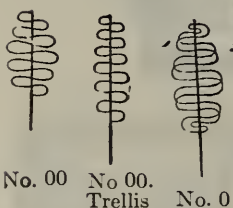
Asbestos Torch



Square Tomato Trellis



Model Extension Tomato Trellis



No. 00 No. 00. No. 0  
Trellis Trellis Trellis



All Wire Arch



Veranda Trellis



Lattice Trellis

SUNDRIES—Continued

**THERMOMETERS.** Every home, office and greenhouse needs them.

**Brooder.** \$0.75

**Fancy Wood Back.** For house use, assorted shapes and finishes on oak. Spirit. Silvered or oxidized brass scale. 8 in., each... .60

**Hotbed and Mushroom.** Wood frame, brass scale and point. Magnifying mercury tube... 2.50

**Incubator.** .75

**Japanned Tin.** (Wilder's) Guaranteed accurate. Heavy, and substantially made.

Size	Each	Doz.	Size	Each	Doz.
6 in.	\$0.45	\$4.60	10 in.	\$1.10	\$11.80
7 in.	.70	7.35	12 in.	1.30	14.50
8 in.	.80	8.75			

**Self-Registering.** Maximum and minimum degree of heat or cold during day or night. Magnet and instructions with each. 8 in., each... 4.00

**Window.** Heavy metal scale, slotted to allow light around and through the tube to make reading easy. Large alternating figures. 8 in., each... 1.25

**TINFOIL FOR BOUQUETS.**

**Plain.** lb. 35c.; **Colored,** lb. .60

**TOMATO TRELLISES.** By supporting the plants less ground space is required, the fruit will ripen better and less will spoil.

**Square,** of seasoned hard wood, with four smooth, turned posts and rods. Doz. \$4.20, each... .40

**Wood and Wire.** Round, collapsible. Doz. \$4.20, each... .40

**Model Extension.** Made of heavy galvanized wire. Easily put away for the winter. Each 50c., doz... 4.50

**Wood.** Round, with two hoops. Doz. \$2.25, each... .25

**TORCH, Asbestos.** May be attached to any pole of suitable length.

Saturate with kerosene oil, light and hold under the caterpillars' nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects and will in no way injure the tree. Each... .50

**TREE GUARDS.** Made of steel galvanized wire. Upright wires fastened to horizontal wires secured by clamps. 6 ft. high, 6 in. diameter, each \$2.00, 8 in. diameter, each \$2.50, 10 in. diameter, each \$2.75.

**TREE SCRAPER.** Best steel. Each... 1.25

**TRELLIS.**

**All Wire.** Painted green.

Height	Width	Price	Height	Width	Price
5 ft.	12 in.	\$2.00	10 ft.	18 in.	\$4.75
6 ft.	12 in.	2.75	12 ft.	18 in.	5.75
8 ft.	18 in.	4.00			

**Arches, All Wire.** Painted green.

Height	Width	Span	Price	Height	Width	Span	Price
5 ft.	12 in.	2½ ft.	\$7.50	8 ft.	18 in.	4 ft.	\$12.50
6 ft.	12 in.	2½ ft.	10.00	8 ft.	36 in.	4 ft.	21.50

**Bow Trellis.** Rattan on wooden stick. For Ivies. Painted green.

No.	Size	Each	Doz.	No.	Size	Each	Doz.
No. 1	30x10 in.	\$1.10	\$11.00	No. 4	48x15 in.	\$2.10	\$21.00
No. 2	30x14 in.	1.50	15.00	No. 5	60x18 in.	2.40	24.00
No. 3	36x12 in.	1.70	17.00	No. 6	72x20 in.	2.80	28.00
No. 3½	42x14 in.	1.90	19.00				
No. 00	20 in. stick, 3½ in. wide		.30	3.00			
No. 00 wide	20 in. stick, 8 in. wide		.40	4.00			
No. 0	24 in. stick, 5 in. wide		.40	4.00			
No. 0	wide, 24 in. stick, 8 in. wide		.70	7.00			
No. 0½	24 in. stick, 7½ in. wide		.80	8.00			

**Fan Trellis.** Popular for roses. Painted green.

Height	Each	Doz.	Height	Each	Doz.
1½ ft.	\$0.50	\$5.00	4 ft.	\$2.40	\$24.00
2 ft.	.60	6.00	5 ft.	3.00	30.00
2½ ft.	1.00	10.00	6 ft.	3.50	35.00
3 ft.	1.60	16.00	7 ft.	4.00	40.00
3½ ft.	1.80	18.00	8 ft.	4.50	45.00

**Lattice Trellis.** Green. Especially appropriate for stucco houses.

Height	Width	Each	Doz.	Height	Width	Each	Doz.
6 ft.	18 in.	\$3.30	\$33.00	10 ft.	18 in.	\$5.50	\$55.00
7 ft.	18 in.	3.90	39.00	11 ft.	18 in.	6.00	60.00
8 ft.	18 in.	4.40	44.00	12 ft.	18 in.	6.60	66.00
9 ft.	18 in.	4.90	49.00				

**Veranda Trellis.** Suitable for all climbers. Green.

Height	Each	Doz.	Height	Each	Doz.
2 ft.	\$1.20	\$12.00	4 ft.	\$2.00	\$20.00
3 ft.	1.60	16.00	5 ft.	2.80	28.00

**Veranda Trellis.** Extra Wide.

Height	Width	Each	Doz.	Height	Width	Each	Doz.
6 ft.	28 in.	\$4.30	\$43.00	10 ft.	31 in.	\$7.20	\$72.00
8 ft.	28 in.	5.70	57.00	12 ft.	36 in.	8.60	86.00

**Cyclone "Rust-Proof" Trellis.** For vines of every variety. Whole rolls 165 ft. Used singly, or, if desired, several lengths can be laced together side by side, making any width—either up or down or across the veranda or house. May be used for arches.

Whole rolls at 1c. less per ft.  
18 in. wide 10c. per linear ft.; 24 in. wide, 12c. per linear ft.; 30 in. wide 15c. per linear ft.



## SUNDRIES—Continued

**TREE GUARDS.** Protect your young fruit trees from Winter injury by rabbits, mice, etc. When a tree has been ruined you lose not only the tree but also the time required to grow a new one. They keep out all animals, allow the sun and air free access and harbor no vermin. Easy to set and may be lifted to allow the bark to be cleaned. Light, strong, durable and with their rust-proof finish, will last for years. 6-in. diameter, 18 in. high. Doz. \$3.50, 100 \$25.00.....\$0.35

## TROWELS.

**Berry.** Narrow blade, 4½ in., each..... .65  
**English Pattern.** Handle 20 in. long, heavy steel, each..... .50  
**Five-in-One Garden Tool.** Each..... .50  
**Ladies'.** Riveted 6 in. Doz. \$2.00, each..... .20  
**Ordinary Riveted.** Bright blades. 7 in., doz. \$2.75, each 25c.; 6 in., doz. \$2.40, each 22c.; 5 in., doz. \$2.00, each..... .20  
**Solid Forged Steel.** Blade and shank of one piece forged like a mason's trowel. Very high grade. 7 in., 80c., 6 in. 75c., 5 in. 70c.  
**Solid Steel Garden.** Heavy, one piece. 6 in., doz. \$4.40, each... .40  
**Transplanting.** Narrow blade. Can be used as a weed digger. 7 in., doz. \$3.00, each 30c.; 6 in., doz. \$2.75, each 25c.; 5 in., doz. \$2.20, each..... .20

**TUBS.** See page 164.

## TWINE.

**Green Sea Island,** per doz. balls \$2.00, 2 oz. balls..... .20  
**Soft Jute,** 2-ply, per doz. balls \$3.00, ½ lb. balls..... .30  
**Soft Jute,** 4-ply, per doz. balls \$3.00, ½ lb. balls..... .30  
**Hard Strong Tying,** No. 18, per doz. balls \$4.50, ½ lb. balls..... .45  
**Hard Strong Tying,** No. 36, per doz. balls \$4.50, ½ lb. balls..... .45  
**White Cotton,** per doz. balls \$2.63, 3 oz. balls..... .20  
**Marline, Tarred,** in 1 lb. or 2 lb. balls, per lb..... .40  
**Lathyrn** for tying mats 30c., coils of 25-50 or 100 lbs..... .27

**VASES, Cemetery or Bouquet Holders.** See page 160.

**VASES, Fibre.** See page 165.

## WATERING POTS.

**Common Japanned Green.** Made extra strong of thick tin, carefully braced. 10 qt. \$1.60, 8 qt. \$1.35, 6 qt. \$1.00, 4 qt. 85c., 2 qt..... .60  
**Florists' Galvanized Iron.** The best florists' watering pot made. An iron band at the bottom; handles, braces and spouts riveted on and galvanized after it is made. A coarse and fine copper faced rose with each pot.  

Capacity	Spout	Each	Capacity	Spout	
6 qt.	21 in.	\$4.75	10 qt.	25 in.	5.50
8 qt.	23 in.	5.00	12 qt.	25 in.	6.00

**English Pattern Japanned.** Heavy tin.  

	Each		
3 qts.	\$3.50	8 qts.	6.25
6 qts.	5.50		

**French.** Brass handle. Made of galvanized iron; oval in shape, with brass handle and long spout; one fine and one coarse copper face rose with each. 10 qt. \$6.25, 8 qt. \$5.75, 6 qt. \$5.00, 4 qt. \$4.50, 2 qt. \$4.00, 1 qt. \$3.50, ½ qt. \$3.00, ¼ qt. \$2.50, 1/8 qt. \$2.00, 1/16 qt. \$1.50, 1/32 qt. \$1.00, 1/64 qt. \$0.50, 1/128 qt. \$0.25, 1/256 qt. \$0.125, 1/512 qt. \$0.0625, 1/1024 qt. \$0.03125, 1/2048 qt. \$0.015625, 1/4096 qt. \$0.0078125, 1/8192 qt. \$0.00390625, 1/16384 qt. \$0.001953125, 1/32768 qt. \$0.0009765625, 1/65536 qt. \$0.00048828125, 1/131072 qt. \$0.000244140625, 1/262144 qt. \$0.0001220703125, 1/524288 qt. \$0.00006103515625, 1/1048576 qt. \$0.000030517578125, 1/2097152 qt. \$0.0000152587890625, 1/4194304 qt. \$0.00000762939453125, 1/8388608 qt. \$0.000003814697265625, 1/16777216 qt. \$0.0000019073486328125, 1/33554432 qt. \$0.00000095367431640625, 1/67108864 qt. \$0.000000476837158203125, 1/134217728 qt. \$0.0000002384185791015625, 1/268435456 qt. \$0.00000011920928955078125, 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## POULTRY SUPPLIES AND FEEDS

## F. F. R. Co.'s Poultry Feed

If you have never used any of our Poultry Feeds we wish to call your special attention to their high quality, which means more to you than cheap prices. Our reputation for Seeds, Bulbs and Plants will stand equally high for our Poultry Supplies. While the prices of grains fluctuate, we do not bind ourselves to prices herein quoted. Apply to us and we will be pleased to quote prices.



Owing to the continual fluctuations of the market, we have omitted to print prices in this issue of catalogue. Prices quoted on application.

**Quality Mash Feed** Protein, not less than 20 per cent.; fat, not less than 4 per cent.; fiber, not more than 10 per cent. Ingredients: Corn meal, wheat bran, ground oats, wheat middlings, alfalfa meal, beef scraps, gluten, charcoal, oil meal. This mixture has stood the test for over six years without a change of formula. It is blended from only the best of grains.

**Quality Chick Feed** Composed largely of cracked wheat and oats. A very small proportion of corn is used, as we believe too much Corn is a detriment to a young chicken's development. It contains not an ounce of anything but pure grains.

**Quality Intermediate Chick Feed** Same as the chick feed only not ground quite as fine. 5 lbs. 20c.

**Beef Scraps** We consider ground beef scraps almost indispensable for making hens lay during the Winter. Feed at least three times per week one ounce for each fowl, mixed with the daily mash.

**Full-O-Pep Dry Mash** A very high grade of dry mash containing both beef and fish scraps with a protein of 20%, fat 4%, fiber 10%, carbo-hydrates 49%. We have sold this mash for the past year to some of the best poultry raisers in the state who report the very best results from using this mash. Mash should be the main feed during the day and every day, nothing else being used. We sell it in large quantities and recommend it especially for a large egg production.



**Conkey's**  
**Buttermilk**  
**STARTING FOOD**



With a bag of Conkey's Buttermilk Starting Food on hand you are always sure that you have enough good buttermilk ready for your chicks. It contains pure buttermilk, reduced to dry powdered form, with its valuable lactic acid that helps the delicate digestive organs of the little chick. Mixed with it is a combination of clean wholesome grains, a ration balanced just right for baby chicks. It is the ideal baby chick food from every standpoint—the only baby chick food with buttermilk in it because Conkey controls the patent for extracting the great mass of water from the original buttermilk. You pay for the actual buttermilk only, not for waste water.

**Quality Scratch Feed** Contains various cracked grains so blended as to give the fowl the right proportion of each grain to produce the condition that will give the user the eggs. This mixture contains but a small amount of Corn.

**Quality Growing Feed** Blended from the developing grains and ground into a mash. Protein, 12 to 14.50 per cent.; fat, 3.50 to 4.50 per cent.; fiber, not over 9 per cent. Ingredients: Ground corn, ground barley, cotton seed, wheat mixed feed, rye shorts. We know from experience that it will start your pullets laying from 4 to 6 weeks earlier than so-called forcing foods.

**Quality Pigeon Feed** Our peas in this mixture are grown especially for us and are small and plump. As are our other mixtures, it is blended for development and growth.

**Alfalfa Clover Meal** The clover stock, leaf and blossom are all ground together so that the fowl gets all the substance of the matter entering into this carefully balanced food product. It comes nearest to nature of any grain and vegetable mixture.

**SPRATT'S CHICGRAIN.** Is a perfectly balanced insect and vegetable ration; easily digested and highly nutritious. It is a compound of grains, meat, milk, etc.; the original formula has been used and improved upon for more than twenty years. Price, 5 lbs. 35c.

10 lbs. 85c., 25 lbs. \$1.90, 50 lbs. \$3.60, 100 lbs. \$7.00.

**SPRATT'S PATENT CHICK MEAL NO. 5 and CHICK MEAL NO. 12.** This is a substitution for insect life, in addition to its other advantages, and thereby reduces mortality to a minimum, saving ten times its cost and frequently the cream of the flock. 10 lbs. \$1.25, 25 lbs. \$2.75, 50 lbs. \$5.50, 100 lbs. \$10.50.

**SPRATT'S PATENT PHEASANT MEAL NO. 5.** For young pheasants. Price, 5 lbs. 50c., 10 lbs. \$1.25, 25 lbs. \$2.75, 50 lbs. \$5.50, 100 lbs. \$10.50.

**SPRATT'S PATENT PHEASANT FOOD NO. 3.** For adult birds. 10 lbs. \$1.25, 25 lbs. \$2.45, 50 lbs. \$4.65, 100 lbs. \$9.00.

**SPRATT'S POULTRY FOOD NO. 3.** A cooked food. The best and cheapest on the market. Is prepared strictly according to modern, scientific methods and is the result of exhaustive experiments. It is neither a medicine nor a condiment, but a well-balanced ration, specially prepared to produce eggs. It doubles the egg production, improves the quality and flavor of the egg, enriches the color of the yolk, increases the number of fertile eggs and strengthens the germ. 10 lbs. \$1.25, 25 lbs. \$2.75, 50 lbs. \$5.50, 100 lbs. \$10.50.



**PARROT AND CANARY FEED.** We make a specialty of Parrot and Canary Feeds, which are mixed by us from direct imported seeds.

**Parrot Seed:** Lb. 15c., 3 lbs. 40c., 8 lbs. \$1.00.  
**Canary Seed:** 1 lb. 15c., 2 lbs. 30c.  
**Canary Seed Mixed:** 1 lb. 15c., 2 lbs. 30c.

**OYSTER SHELLS.** We handle the Baltimore shells recleaned. They contain no dust.  
 8 lbs. 15c., 25 lbs. 50c., 50 lbs. \$1.00, 100 lbs. \$2.00.

**WATER GLASS.** For preserving eggs. Gal. \$1.00, qt. 40c.

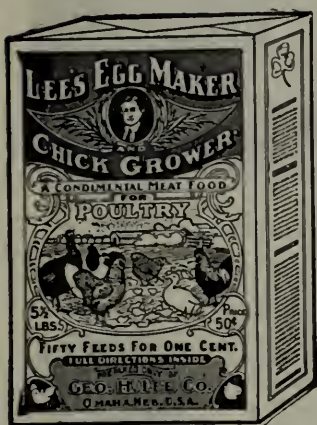
**MICA SPAR GRIT.** Has a sharp retained edge, thereby insuring perfect cutting and grinding qualities.

Price: 5 lbs. 15c., 100 lbs. \$2.00.

**POULTRY CHARCOAL.** Poultry keepers cannot afford to be without charcoal. It absorbs dangerous elements from the fowl's system and prevents many sicknesses. It comes in three sizes, coarse, medium and very fine.  
 Price, 2-lb. carton, 15c., 10 lbs. 60c.

**SUNFLOWER, MAMMOTH RUSSIAN.**

Lb. 15c., 2 lbs. 30c.



**LEE'S EGG MAKER.** The perfect substitute for all other forms of meat food. Contains more digestible protein, costs less and goes further than beef scraps, bone, or any other meat food. Used by big breeders everywhere. Equally valuable as a Winter food for hens, for all penned-up poultry and as growing food for chicks.

2½-lb. pkg. 50c., 5½-lb. pkg. \$1.00, 25 lbs. \$4.25.

**LEE'S INSECT POWDER.** Is thoroughly efficient for any purpose for which an insect powder is desired. Especially recommended for use on setting hens, or by those who have only a few fowls and prefer to treat them in this way.

1¼ lbs. 30c., 3 lbs. 60c.

**LEE'S LICE KILLER.** The original liquid lice killer with many imitators but no equal. Guaranteed better than any other. Strongest and best. Kills both by vapor and contact all vermin, whether on the walls of the poultry house or on the body of the fowls. Also a powerful disinfectant. Disease germs cannot live where Lee's Lice Killer is used regularly.

Sizes: Gallons \$1.50, half-gallons 90c., quarts 60c.

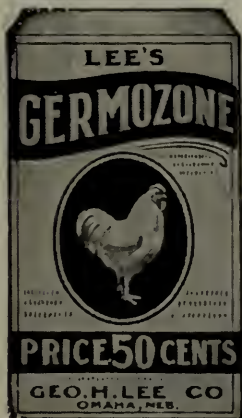


**SPRAYERS FOR USING LIQUID LICE KILLER.**

Excellent sprayer made of tin, especially strong and durable. We recommend this especially in using Lee's Lice Killer.  
 Price 50c.

**PRATTS POULTRY REGULATOR.** A true tonic for all poultry. Tones up the egg organs. Puts poultry into condition for laying. That's why they do lay. Thus, Winter with its high prices, becomes the most profitable season of the whole year. You should also use it to give speedy, sound recovery from the moult, and to develop pullets.

Pkgs. 30c. and 60c., pails \$1.75 and \$3.00.



**LEE'S GERMOZONE.** A tonic; a bowel regulator; a system builder. The best preventive and cure for Roup, Cholera, Bowel Complaint and most other poultry diseases. In more general use today than any other poultry medicine ever manufactured. Given twice a week in the drinking water to all fowls, it keeps them in prime condition. No poultryman should ever be without Germozone.  
 4 oz. 40c., 12 oz. 75c., 32 oz. \$1.50.

**DR. HESS'S POULTRY PAN-A-CEA.**

1½-lb. pkg. 30c., 5-lb. pkg. 75c., 12-lb. pkg. \$1.50, 25-lb. pail \$3.00.

**HESS'S LOUSE KILLING POWDER.** 1-lb. pkg. 30c., 3-lb. pkg. 60c.

**COMMON SENSE RAT EXTERMINATOR.** Kills rats and mice under all conditions. They eat it in preference to any food. No odor or smell. It dries them up. Common Sense Rat Killer is without doubt the greatest rat killer in the world. A trial package will convince you. Pkgs. 30c. and 60c.

**CARTER'S SANITARY GREEN FOOD FEEDERS.** A steady diet of grain alone when hens are confined in pens or small yards is not satisfactory. They require some green food regularly. Every experienced poultryman knows this, but the old method of feeding Cabbages, Beets, Clover, etc., has been so wasteful and unsatisfactory that green food has been more or less neglected. It meets the needs of every poultryman. Made of strong, soft, fish-net twine. It lasts for years. Carter's Feeder keeps vegetables clean and high enough off the floor so the fowls get exercise while they eat.

Price: 35c. each, 3 for \$1.00.



**Pratts Poultry Regulator.**

Pkgs. 30c., 60c., 12 lb. pails \$1.75, 25 lb. pails \$3.00.

**Pratts Roup Remedy (tablets or powder).** 30c. and 60c.

**Pratts Powdered Lice Killer.** 30c. and 60c.

**Pratts Poultry Disinfectant and Liquid Lice Killer.**

Qt. 70c., ½ gal. \$1.25 gal. \$2.00.

**Pratts White Diarrhoea Remedy.** 30c. and 60c.

**Pratts Chicken Cholera Remedy.** 30c. and 60c.

**Pratts Sore-Head Chicken-Pox Remedy.** 30c. and 60c.

**Pratts Condition Tablets.** 30c. and 60c.

**Pratts Bronchitis Remedy.** 30c. and 60c.

**Pratts Scaly Leg Remedy.** 30c.

**Pratts Gape Remedy.** 30c. and 60c.

**Conkey Roup Cure.**

30c., 60c. and \$1.20.

**Conkey Roup Pills.**

30c. and 60c.

**Conkey Bronchitis.**

60c.

**Conkey Canker Special.**

60c.

**Conkey Cholera Cure.**

30c. and 60c.

**Conkey Chicken Pox.**

30c. and 60c.

**Conkey Nox-I-Cide.**

Qt. 75c., gal. \$2.00.

**Conkey Poultry Tonic.** 30c. and 60c., 12-lb. pails \$1.40.

**Conkey Lice Powder.**

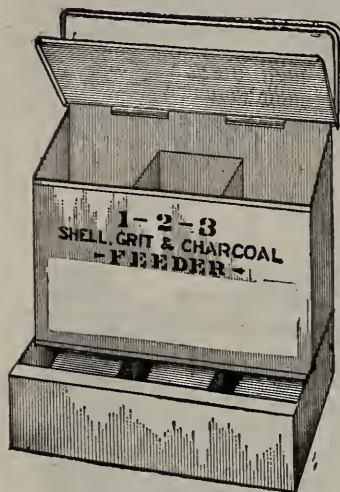
30c. and 60c.

**Conkey White Diarrhoea Cure.**

30c. and 60c.



## FEEDERS AND HOPPERS



**SHELL AND GRIT BOX.** For poultry and pigeons. Made of galvanized iron with hinged covers. No. 1 size, 3 compartments, about 2 qts. to each compartment. Each \$1.25. No. 2 size, 2 compartments, about 4 qts. to each compartment, each \$1.35.

**1-2-3 POULTRY FEEDER.** For dry mash, scraps, shells, grit, charcoal, or any poultry feed. When used for one kind of feed only, take out separator; for two kinds put separator in one end; when used for three kinds, say scraps, shells and grit, put separator in the middle and you have three separate feeders.

Price, small \$1.00, large \$1.50.

**SEXTON'S DRY FEEDER.** Made of galvanized iron with swinging grid automatically holding in place until all is consumed; easily filled and rat-proof. No. 1, double size, \$2.00; No. 5, \$3.25.

**FEED PAN.** It is so constructed that the food cannot be wasted, the saving thus effected will alone pay the price of the pan in a short time. Chick size, 12 in. long, 1½ in. deep, 4 in. wide, price 50c. Half-grown chicks or pigeons, 18 in. long, 2 in. deep, 4½ in. wide, price 75c. Full-grown fowl, 24 in. long, 3 in. deep, 6 in. wide, price \$1.00.



Shell and Grit Box

**FAVORITE DRY-MASH HOPPER.** The wire grid is raised or lowered as required for coarse or fine mash. The most distinctive feature about this Favorite Dry-Mash Hopper is the fact that it is an inch wider at the lower side than at the top, thus making it utterly impossible for the food to clog. 12 in., 12 qt. size, \$1.85. 18 in., 18 qt. size, \$2.50.

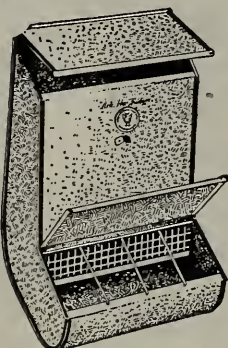
**SIMPLICITY FEED TROUGH.** One of the best chick feeders made, 18 in. long, round bottom, a bar through the center; full length; 25 chicks can feed at once. Each 35c., doz. \$3.50.

**SANITARY FEEDING TROUGHS.** Can be used for feed, wet mash or water. Barrel top prevents wasting of feed and if used for water does away with the little chicks drowning. The feed saved by using this trough will more than pay for itself in a few weeks. Made of the best grade of galvanized iron in three sizes, namely:

No. 21—12 in. long, packed 12 in., shipping weight, 12 lbs., each 50c.

No. 22—18 in. long, packed 6 in., shipping weight, 10 lbs., each 75c.

No. 23—24 in. long, packed 6 in., shipping weight, 13½ lbs., each \$1.00.



Favorite Dry-Mash Hopper

**NORWICH AUTOMATIC EXERCISER AND FEEDER.** Mounted on adjustable iron legs, the Feeder may be placed anywhere in the house, yard, pen, or on free range, and is operated alike by baby chicks fresh from the incubator or the adult fowl.

No. 1—8 Quart Hopper, 13 lbs. .... \$5.00  
No. 2—14 Quart Hopper, 15 lbs. .... 5.50  
No. 3—20 Quart Hopper, 20 lbs. .... 6.50  
No. 4—32 Quart Hopper, 27 lbs. .... 7.50

### ROUND BABY CHICK FEEDER

Pure food for the baby chicks. A great feed saver, as the little chicks

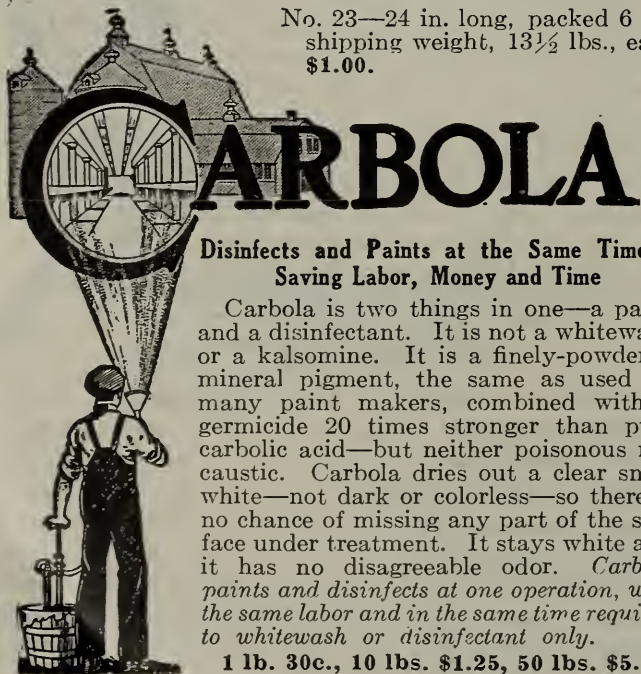
cannot get into it and contaminate the feed. Cannot be upset. Can also be used for water or milk. This is a practical, well-made feeding device that will last for years. Manufactured in two sizes.

No. 11—6 in. in diameter, 8 feeding holes, each 20c.

No. 12—8¼ in. in diameter, 12 feeding holes, each 35c.



Round Baby Chick Feeder

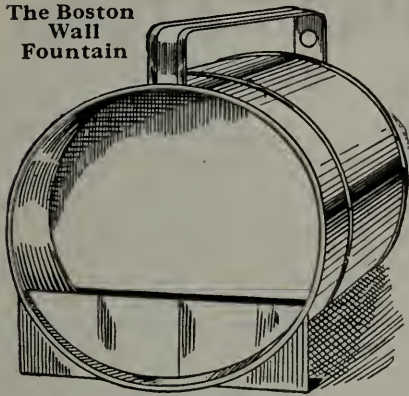


Disinfects and Paints at the Same Time—  
Saving Labor, Money and Time

Carbola is two things in one—a paint and a disinfectant. It is not a whitewash or a kalsomine. It is a finely-powdered mineral pigment, the same as used by many paint makers, combined with a germicide 20 times stronger than pure carbolic acid—but neither poisonous nor caustic. Carbola dries out a clear snow white—not dark or colorless—so there is no chance of missing any part of the surface under treatment. It stays white and it has no disagreeable odor. Carbola paints and disinfects at one operation, with the same labor and in the same time required to whitewash or disinfectant only.

1 lb. 30c., 10 lbs. \$1.25, 50 lbs. \$5.00.

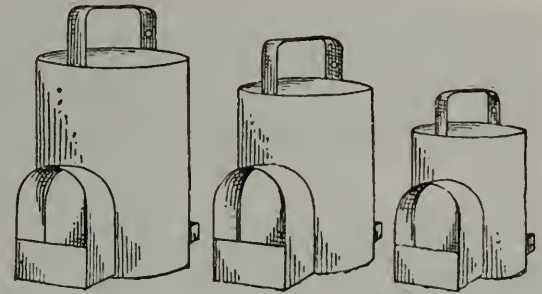


The Boston  
Wall  
Fountain

## DRINKING FOUNTAINS

### POULTRY WALL FOUNTAINS.

Made of galvanized iron and warranted tight. These fountains have a flat strap on back to prevent them from tipping when hung up. ½ gal. 70c., 1 gal. 95c., 2 gals. \$1.25.  
**SANITARY STONE DRINKING FOUNTS.** Easily kept clean; chicks cannot tip them over. Qt. 50c., 2 qts. 65c., 4 qts., 75c.



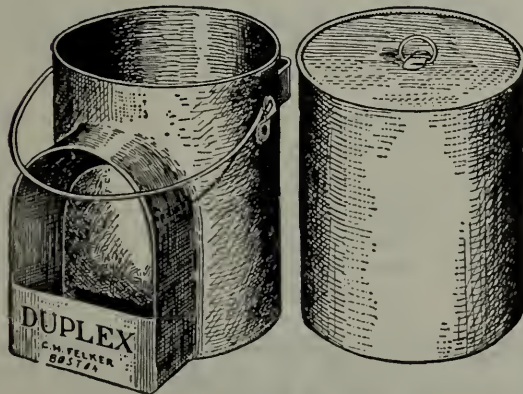
Wall Fountains

**STAR JAR FOUNTAIN.** Will fit pint, quart or half-gallon Mason jar. Made of one-piece, non-rusting metal. Provides greater drinking surface than the round fountain. Used for feed as well as water. 2 for 25c.

**THE DUPLEX.** The latest and most practical sanitary fountain on the market. This is a double fount; keeps the water clean and pure. Easy to fill, easy to care for. Made in two sizes, 4 and 8 qts. Try a Duplex.

4 qts. \$1.25, 8 qts. \$1.50.  
**BOTTOM-FILL FOUNTAIN.** Made in two pieces. Easily cleaned and owing to its shape it will not burst from freezing. This fountain fills the breeder's needs for an inexpensive fountain. Made of the best grade of galvanized iron in three sizes.

Qt. 40c., 2 qts. 50c., 4 qts. \$1.00.



Duplex Fountain

**THE EYRIE SHIPPING COOP.** The best shipping coop on the market; made of extra heavy, corrugated fibre board, top and bottom of strongly constructed wood. B, 12x18x22; C, 12x22x22; D, 20x22x22; E, 20x24x22.

**LIVE CHICK BOX.** Made of corrugated paper throughout. It is lighter and much more convenient than the wooden boxes and in some instances the amount saved on the express charges alone will pay for the box. It is shipped to you folded flat, very easily set up.

Price: 25-chick size, 12 in. x 6 in. x 5 in., doz. \$2.25.  
50-chick size, 12 in. x 12 in. x 5 in., doz. \$3.25.  
100-chick size, 24 in. x 12 in. x 5 in., doz. \$5.25.

Live Chicken  
Box

Chickens ready for shipment

**THE PEERLESS.** The water is always pure. It is protected from dirt and filth. Easy to clean and fill and fowl cannot injure their combs when drinking. Simple in construction, durable and practical. It is adjustable. If it becomes too loose or too tight, spring the sides of the fountain in or out as it may require, until the bottom is a perfect fit.

5 qts. \$1.15, 10 qts. \$1.50.

**THE PEERLESS HEATER.** Fits any style or size fountain. Keeps the water from freezing in any temperature. Guaranteed to burn 120 hours with one filling. Made in one size only. Each \$2.00.

**THE BOSTON WALL FOUNTAIN** is one of the best fountains made; will keep your birds supplied with clean water with very little trouble. Made of galvanized iron,

double seamed; the favorite with the trade. Qt. 60c., 2 qts. 70c., 4 qts. \$1.00, 8 qts. \$1.25.

**THE NORWICH AUTOMATIC AIR-LOCK FOUNTAIN.** The device is worked by atmospheric pressure as against the weight of water and is absolutely perfect in its action and may be relied upon to fill its functions as truly as any condition of nature. Complete with lamp attachment to prevent freezing. 5 gal. size. \$7.50.

**WIRE HEN'S NESTS.** These nests are made of heavy steel wire and are lice and vermin proof. Each 30c., doz. \$3.00.

**PIGEON NESTS.** Made of earthenware. Each 20c.



**EGG BOX, ANDERSON.** Made of corrugated paper, with double faced, corrugated paper partitions protecting each individual egg, folded flat in shipment. Price No. 3, 1 setting, doz. \$2.00; No. 4, 2 settings, doz. \$2.75; No. 5, 50-egg, doz. \$3.95; No. 6, 100-egg, doz. \$6.50.

**PARCEL POST EGG BOX.** Our Parcel Post Egg Box is a double corrugated box, unique in construction and insures safe arrival of eggs regardless of distance. 12-egg size, doz. \$2.20; 24-egg size, doz. \$3.15; 3 doz. size, doz. \$4.00; 4 doz. size, doz. \$4.95; 5 doz. size, doz. \$5.80.

**CELLULOID LEG BAND.** All the different colors.

Celluloid leg  
Bands are easily

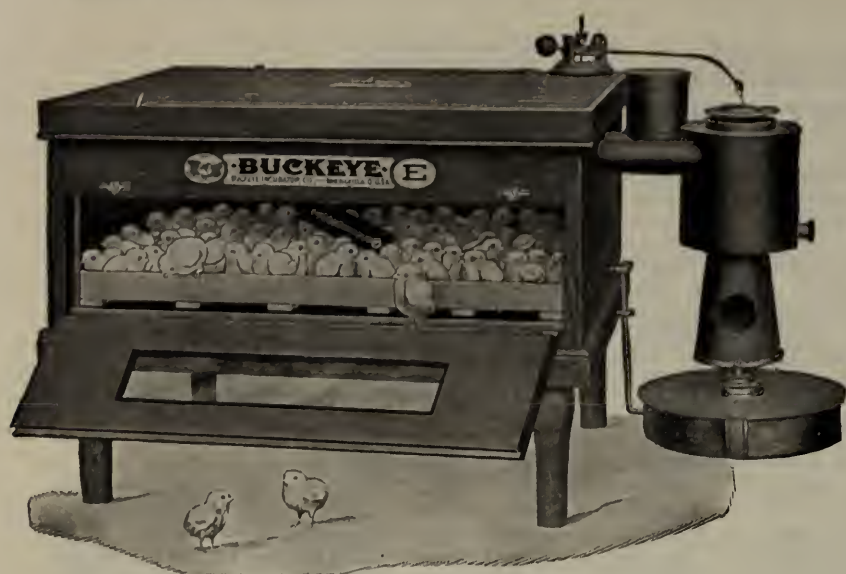
applied; are by far the best band used for designating old from young fowl, as the different colors can be seen from a distance. Doz. 15c., 100 80c.

### Pigeon and Baby.

	Poultry size	Chick size
12 bands....	\$0.15	\$0.10
25 bands....	.30	.20
50 bands....	.50	.35
100 bands....	.80	.50
500 bands....	3.75	2.25
1000 bands....	7.00	4.00





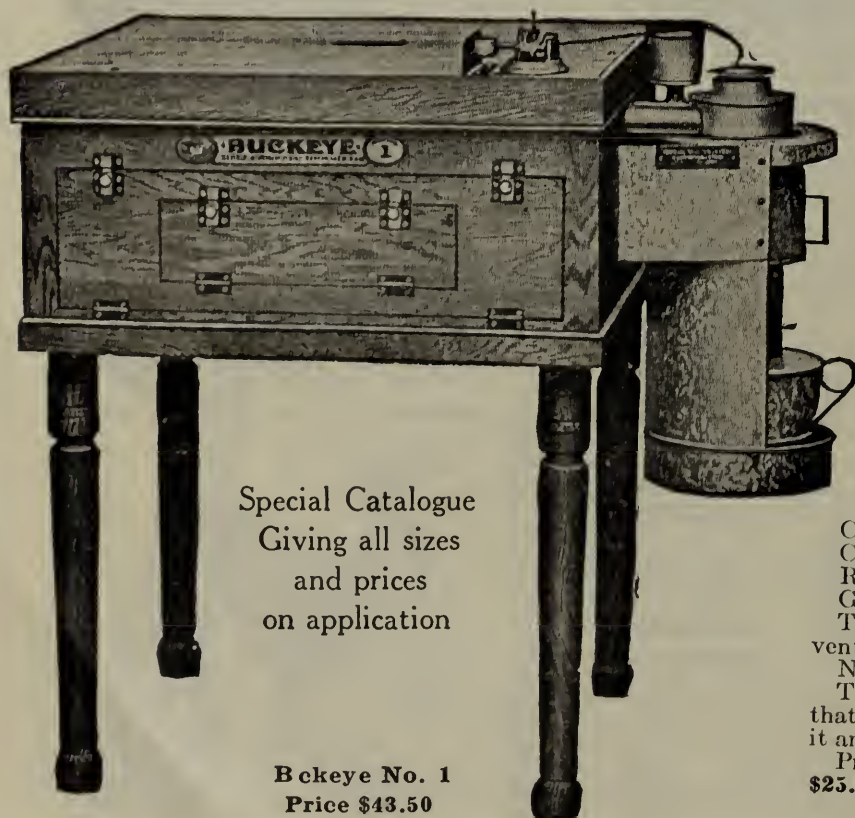


Style E. Price \$18.50.

The agricultural colleges and experimental stations throughout the United States are almost a solid unit in their selection of the Buckeye—which fact in itself is the highest tribute that could possibly be paid to any agricultural device. The men in charge of such institutions are invariably selected because of their wide experience and expert knowledge—and their opinions count for something.

It is no longer considered a feat to build an incubator that will hatch "some" chickens from "some" of the eggs placed in it, (there are many such incubators on the market), but the truly successful incubator is the machine that will hatch a chicken from every hatchable egg—the vigorous kind of chicks that start to grow the moment they are hatched, and continue to grow without forcing or doctoring.

*That's the kind of hatches the Buckeye produces.*



Special Catalogue  
Giving all sizes  
and prices  
on application

Bckeye No. 1  
Price \$43.50

## INCUBATORS BUCKEYE

The name "Buckeye" represents "service"—and when we talk to you about Buckeye Incubators, we do not refer to the wood and metal of which the machine is constructed, but to the "service" we guarantee the incubator to give.

Over four hundred thousand (400,000) satisfied users represent the proof that we offer in support of Buckeye superiority—little breeders, big breeders, beginners, experts—breeders that include every class from boys and girls with a little 60-egg machine—up to the tremendous poultry plants with capacities of 50,000 eggs and more—all uniting in the same verdict.

### GUARANTEE

The Buckeye is *guaranteed* to hatch *more chicks* and *stronger chicks* than any other incubator. It is further guaranteed:

To require no artificial moisture. To operate satisfactorily in any temperature down to freezing, and to require no attention to the regulator from the time a hatch is started until it is finished.

The perfect construction of all its mechanical parts is also guaranteed, and any Incubator or part thereof that does not fulfill our guarantee in every particular, will be replaced without question any time within 40 days.

(Signed) THE BUCKEYE INCUBATOR CO.

Special catalogue on application.

Style E, 60-egg	\$18.50
Style E, 120-egg	31.00
No. 1, Standard, 110 eggs	43.50
No. 2, Standard, 175 eggs	51.50
No. 3, Standard, 250 eggs	65.00
No. 4, Standard, 350 eggs	77.50
No. 5, Standard, 600 eggs	120.00

UNDERWRITERS' LABORATORIES, INC.  
INSPECTED INCUBATOR  
No. 27957

## The STANDARD COLONY BROODER

Makes three chickens grow where one grew before.  
Cuts the cost of equipment to less than half.  
Cuts the cost of operation to less than half.  
Reduces the time and labor to less than a fourth.  
Guaranteed to raise more chicks and better chicks.  
The simplest, safest and most economical brooder ever invented.

Nothing to break. Nothing to wear out.  
Try it for 30 days at our risk and if you are not satisfied that it is the greatest brooder you ever saw, you can return it and your money will be refunded without a question asked.  
Price, equipped for coal or gas, made in two sizes, No. 18, \$25.50; No. 19, \$31.50.



# Home Fruit

A clear, simple, practical and comprehensive volume for the amateur who seeks to grow high quality fruits for home needs, whether to eat out of hand as dessert, or put up in some culinary way.

The author is particularly well fitted to write this book, having been reared in just such a fruit plantation, and in a village where for more than half a century the leading hobby has been high quality fruit growing for family use. With this standard of excellence he has united the best modern methods of securing choice specimens—methods little practised, or even unknown, in his boyhood days—Tillage, Spraying, Thinning, Fertilizing, Cover Cropping, preventing frost injuries. Low Heading, Rational Pruning—each simple in itself and each conducive to the production of an abundance of the best fruit.

Among the general topics discussed are:

Choosing Varieties  
Buying Nursery Stock  
Season to Plant  
Preparation, Fertilization  
and Management of  
the Soil

Cover Cropping  
Pruning  
Thinning  
Spraying  
Harvesting  
Storing

## Commercial Plant Propagation

ALFRED C. HOTTES

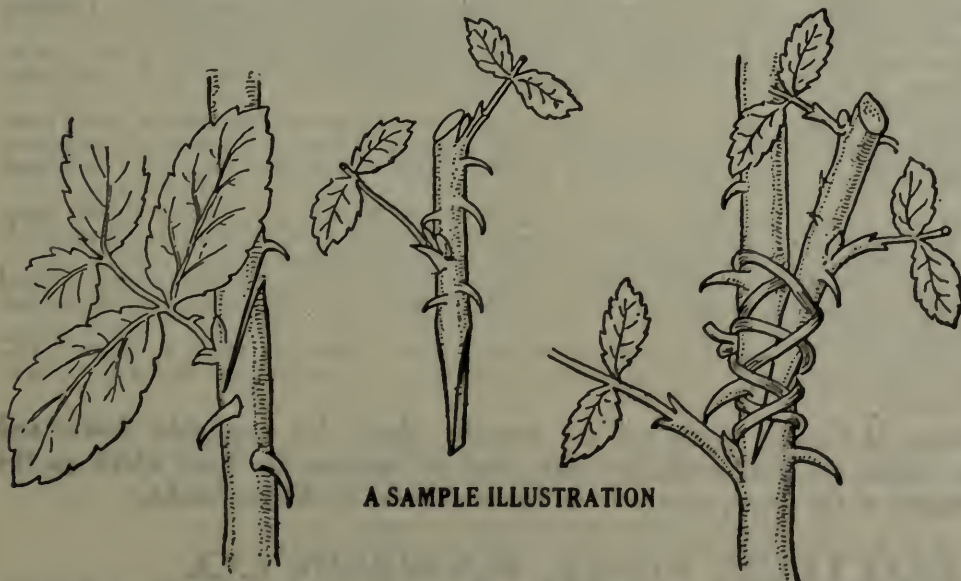
Though the title might infer that this book was written exclusively for the professional, the fact of the matter is that, having the endorsement of the practical propagator, the amateur, for that reason, can rely all the more fully on its instructions. The amateur gardener is offered a book, through the pages of which he may obtain not only full descriptions of just how plants are propagated, whether from seeds, cuttings, layering or grafting, but as well learn through its numerous educational illustrations just how the operation is performed.

Commercial Plant Propagation is one of the most interesting books ever written. No gardener, whether private or amateur, having once tested its value, would be without it. To see a copy is to become its immediate owner, for it tells clearly and concisely how to perform these most fascinating operations of all garden work.

To ensure the fullest understanding of the many operations described, there are given 31 half-tones and 75 teaching line cuts in the book.

Practically every one of the line cuts has been drawn specially for this work, and the majority of the halftone reproductions have been secured for it.

Cloth, 180 pages  
\$1.90, postpaid.



A SAMPLE ILLUSTRATION

Fig. 60 —Side grafting the Rose. The cut in the stock should not be so nearly through the stem and is best made longer and more acutely than shown in the sketch.



# Grower

M. G. KAINS

Besides these general topics each fruit suitable to the home garden is discussed, in many cases with descriptions of a dozen, a score or even more varieties of conspicuous merit from the home plantation standpoint:

Apple  
Pear  
Quince  
Peach  
Nectarine  
Plum  
Cherry

Apricot  
Strawberry  
Raspberry  
Dewberry  
Blackberry  
Grape  
Loquat

Fig  
Juneberry  
Pawpaw  
Persimmon  
Kaki  
Pomegranate  
Wineberry

There is also a chapter on Dwarf Fruit trees, Cordon and Espalier training, and a special chapter on the influence of home fruit growing in the education of public taste, the author herein showing that the amateur fruit plantation really deserves the credit for raising and maintaining national standards of excellence. This chapter should prove an inspiration to all who enjoy fruit and is alone worth the price of the book.

Heavily illustrated with teaching pictures. Four color cover. Paper, \$1.10, postpaid. Cloth, \$1.65, postpaid.



FACSIMILE OF COVER

## Milady's House Plants

F. E. PALMER

*Plan to Enjoy Flowers and Plants All the Year 'Round*

After preparing them as described in this book bring your plants indoors in early Fall to add beauty and cheerfulness to your home all Winter long. Their care is simple and with the aid of this book

### Success is Assured

"Milady's House Plants" will tell you how to care for Palms, Ferns, Rubber Plants, Fuchsias, Jerusalem Cherries and scores of other popular house plants, together with advice about the best plants to grow indoors.

What instructions to follow for potting, drainage, watering, temperature, sunlight, air, and other details which mean life or death, success or failure.

How to make use of inexpensive window plant stands, with pebbles for drainage.

Of a notable diagram of the ideal sun parlor as worked out by the author through years of experience; this one feature alone is worth a hundred dollars.

What flowers and plants are adapted for hanging baskets and window boxes; how to arrange effective table centerpieces and other indoor floral decorations.

How to grow bulbs in bowls; full directions on how to propagate the various house plants.

How to save your plants from year to year to beautify your garden in Summer and grace your home in Winter.

Don't let your plants die when this book will help you save them. Written by an expert on house plants who has had over 25 years' experience.

Price: With beautiful cover in colors, paper, 80c., postpaid. Cloth, \$1.10, postpaid. 180 pages, 100 illustrations.

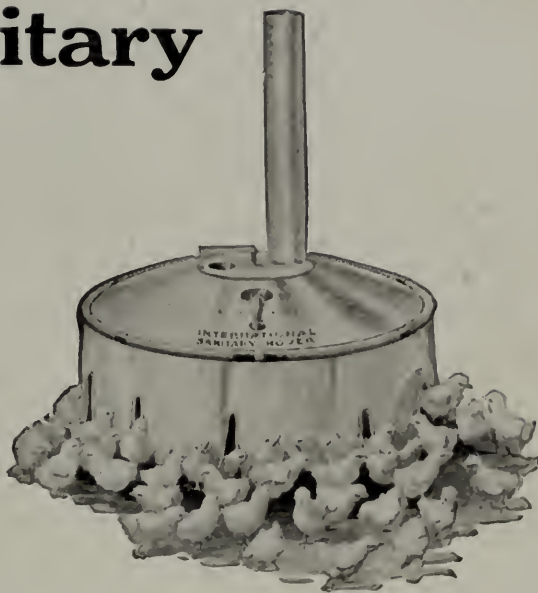


This lady is taking a Rubber plant out of a 5 inch pot preparatory to loosening up the soil and roots for transfer to a larger pot



# International Sanitary Hover

The Sanitary Hover has come to be known as the "Perfect Brooding Device." In less than four years more than 40,000 Sanitary Hovers have been sold. The Sanitary Hover is warmest at the curtain, which causes the chicks to distribute themselves around the edge of the curtain, where they have plenty of room and fresh air as well as warmth. There is no crowding of the chicks to the center, with death to the weaker members. It is portable—that is, it can be picked up and carried around with ease and used anywhere. The lamp holder can be lifted out through the top by a person standing up, which makes it unnecessary for the operator to go down on his knees in dust or mud to tend his lamp. It is metal throughout, and is, therefore, vermin-proof, as well as fire-proof. The peep-hole is so placed that the operator can see his lamp flame without even stooping. The flame cannot be put out by an ordinary wind or rain, there being no connection between the lamp chimney and the flues for taking in fresh air and discharging gases. Price \$18.00.



## "BUCKEYE" PORTABLE BROODER

They Hover at the Curtain



That's why the chicks never crowd. The reflected radiation from the lamp—together with the direct radiation from the canopy overhead—produces those same ideal conditions that we find in the "Standard" coal burner. The chicks hover in circles—around the outside edges—and each individual chick selects the spot that is best suited to its comfort. Being warmest at the curtain there is no incentive for the chicks to seek the center, and, consequently, there is no inclination to "crowd" or "pile."

60-chick size, \$13.50; 100-chick size, \$17.00; 150-chick size, \$21.50.

## Our Baby Chick Department

Each year we sell thousands of baby chickens and experience has taught us that comparison of prices should not be a deciding factor when purchasing baby chickens. Weak, poorly hatched chicks are costly at any price.



Chickens ready for shipment

From year to year we have used the greatest care in selecting our breeders and we have already contracted with the best known producers of all breeds for thousands of each variety for the season of 1921.

Do not give baby chickens cold water to drink; don't overfeed. Either will start bowel troubles. Keep their backs warm and feed liberally so long as they keep active. We find the Conkey Butter-milk Starting Food one of the best feeds for young chicks, fed for the first three weeks, then used with our Quality Chick Scratch Feed, and makes sure of the best results.

We ship all chicks and eggs in a first-class condition and take a receipt for the same. Owing to transportation conditions we cannot guarantee a special time of delivery. Do not sign a receipt for damaged goods unless receipt is so marked by Agent of Express Company. Otherwise no claims for damages allowed.

# Fottler, Fiske, Rawson Co.

The Seed Store

12 and 13 Faneuil Hall Square, Boston, Mass.



# FOTTLER FISKE RAWSON CO.

*The Seed Store*

12 & 13 FANEUIL HALL SQ.

BOSTON  
MASS.

**MAMMOTH  
GOLDEN DAWN**  
FULL SIZE SEE PAGE 19

